

THE MILLENNIUM EDUCATION BAG ORGANIZATION AND GUIDELINES

**THE MILLENNIUM PRIMARY YEARS (TMPY)
THE MILLENNIUM MIDDLE YEARS (TMMY)
THE MILLENNIUM UPPER MIDDLE YEARS (TMUMY)**

**ACADEMIC
YEAR
2023-24**

10 REASONS TO BE A MILLENNIAL

1



Become a life-long learner

Learn 'how to learn' using communication, research, self-management, collaboration and critical thinking skills.

2



Learn by doing and experiencing

Through the Millennium Education you learn to service the community and connect what you learn in the classroom to "real life".

3



The TME encourages critical thinking

It teaches you to analyse and evaluate issues, generate novel ideas and consider new perspectives.

5



Learn for understanding

Not just to memorise facts or topics and prepare for exams.

4



Explore global challenges

The TME helps you increase your understanding of the world by exploring globally significant ideas and issues.

6



Train yourself to:

organise and plan your work
meet deadlines
concentrate
bounce back
persist
think positively.

7



Subjects are not taught in isolation

You are encouraged to make connections between subjects.

8



TME empowers you to develop your talents

Feel empowered to prove what you know and earn the Millennium Education Legacy.

10



TME encourages international-mindedness

The TME helps you critically appreciate your own culture and personal history, as well as the values and traditions of others.

9



TME prepares you for future education

Prepare yourself for the Millennial experience and get connected to the world of opportunities, diversity, access & scholarships

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INTERNATIONAL GENERAL CERTIFICATE OF SECONDARY EDUCATION

Cambridge
IGCSE

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**Dear Millennials,
Welcome to the 2023-24 School Year!**

With excitement and joy, we welcome you to the beginning of a new academic session at TME, The Millennium Education. As the academic year commences, we look forward to embarking on a journey of growth, learning, and discovery together.

Our cherished learners, we are committed to providing you with an environment that nurtures your talents, fosters creativity, and encourages critical thinking. Throughout this academic year, you will encounter new challenges, make new friends, and expand your horizons. Be fearless in your pursuit of knowledge and embrace each opportunity to learn, for every experience is an opportunity to grow and develop into well-rounded individuals.

To the parents and guardians, we recognize the immense trust you place in us as partners in your child's education. We assure you that our dedicated faculty and staff are committed to providing a safe and supportive atmosphere for your children to thrive. We believe in a holistic approach to education, one that encompasses not only academic excellence but also development of positive attributes and emotional well-being. Together, we shall strive to instill in our students the values of integrity, empathy, resilience, and respect for diversity, preparing them to become responsible global citizens.

As we navigate this new academic session, let us remember that learning extends beyond the confines of the classroom. Let us be open to new ideas, embrace diversity, and remain curious about the world around us. Together, as a united educational community, we can create an environment that encourages intellectual growth, fosters creativity, and promotes a sense of belonging.

We invite you all to be active participants in this enriching journey of education. Let us collaborate, communicate, and support one another, for it is only through collective efforts that we can truly make a difference in the lives of our students.

Once again, welcome to the new academic session! Let us embark on this adventure with enthusiasm and a shared commitment to excellence.

Best wishes for a successful and fulfilling year ahead!

Warm Regards,

Erum Atif

Director Teaching & Learning
The Millennium Education, Pakistan.

Dear Valued Parents, Welcome to the 2023-24 School Year!

We thank you for placing your trust in TME for your child's future.

All schools have their special characteristics. What makes TME significantly stand out amongst other schools is its belief in ideology-driven education. We aim to provide a secure, nurturing, and rigorous learning environment for all our learners from K-12 to enable them to reach their full potential.

What Makes TME Different:

TME contributes to wider society by developing creative, problem-solving, & global-minded learners who will live and prosper in increasingly complex national and international environments. They are given opportunities to be part of authentic projects and activities so that they can develop an understanding of global issues related to the environment, sustainability, and responsible healthy living while exercising their entrepreneurial skills to build better futures in the real and digital communities in which they will live.

We at TME are proud to share that our learners make significant achievements and progress as they move from one tier to the next. We've been exceptionally successful in both exam results and university admissions, with former students going on to attend some of the world's top educational institutes.

Quality Assurance at TME:

We, at TME, believe that outstanding teachers make outstanding learners. We hold our teachers to the highest academic standards set by our dedicated TME education team and quality assured by the senior leadership team. Our teachers are committed and passionate and they never stop learning. In-service training of our teachers by TME's indigenous training team, international training by Cambridge, regular, ongoing reviews, and self-assessments prepare our teachers adequately for continual refinement and optimization of curricula and teaching approaches, which help ensure that our students reach their potential.

Communication with Parents:

As your child's greatest teacher and role model, it's vital that you become actively involved in their schooling. However, the means and pattern of communication between schools and parents have evolved over time. Parents express increasingly high expectations about the frequency and quality of interactions with teachers. We, at TME, have developed an in-house learning management system, titled Matrix, to facilitate parents. Matrix is a single space for parents to access and learn about their child's class timetable, R.A., class work, assessment record, attendance record, and fee. Through Matrix teachers involve every parent, regardless of their career demands, travel, and other complicating factors, with their child's learning and achievement in school.

With this brief review of all that makes TME stand out in the educational sector, we wish all our Millennials a successful start to the academic year 2023-2024.

Asma Saleem

General Manager

Department of International Qualification, Curriculum & Assessments | DIQCA
The Millennium Education, Pakistan.

Grade 1

● BOOKS TO REMAIN IN BAG ON DAILY BASIS:

1. Oxford Reading Tree-Stage 6 & 7 (book being currently read to be sent to school for reading and rest of the readers to be kept at home.)
2. English Textbook 1
3. Urdu Textbook
4. Maths Workbook 1A/1B
5. General Knowledge (as per assigned work)
6. NCC Digi Explorers Book 2

● BOOKS TO REMAIN IN THE CLASS CUPBOARD:

1. English Workbook (to be sent home over the weekend)
2. Nelson Handwriting Workbook 1A & 1B
3. General Knowledge Textbook
4. Islamiyat for Primary Class 1
5. Maths Textbook 1

● NOTEBOOKS TO REMAIN IN BAG (as per assigned R.A):

1. English Notebook
2. Urdu (Broad Line Notebook)
3. Rough Notebook
4. School Diary
5. Mathematics Square Notebook (on alternate days)

● THINGS AND NOTEBOOKS TO REMAIN IN THE CLASS CUPBOARD:

1. English Notebook (creative writing)

READERS

Oxford reading Tree is a series of readers that develops full reading fluency. At TME, ORT is introduced in Early Years and children are taught reading through phonic approach. All of our children have successfully completed ORT series. Each book contains a list of new words which keeps on increasing from book to book. Reading skill is enhanced and children feel a sense of achievement.

Now children will move on to ORT stage 6 & 7. **Parents are requested to keep the readers safe at home and only send the reader which is being read in the class.**

Kindly ensure that notebooks are well maintained and returned to the class teacher as per his/her instructions which will be clearly stated in the child's R.A. diary.

In case of any queries or concerns, kindly correspond with the class teacher. To remain actively involved in your child's development and academic progress, you are requested to read his/her R.A. diary on daily basis and sign accordingly. At TME, we believe in "triangle of learning relationship" to educate with full participation of parents, school, and learners. At this stage, encourage them to buy books along with toys as it is only through books that we can develop the intellectual capacity of our children. Reading habit is to be cultivated in primary years.

Grade 2

● BOOKS TO REMAIN IN BAG ON DAILY BASIS:

1. English Textbook 2
2. Oxford Reading Tree - Stage 8 and 9 (book being currently read to be sent to school for reading and rest of the readers to be kept at home)
3. Urdu Textbook
4. Islamiyat for Primary Class 2
5. Maths Workbook 2A & 2B
6. Science/General Knowledge Textbook (as per assigned work)
7. Science Textbook (as per assigned work)
8. NCC Digi Navigators Book 1

● BOOKS TO REMAIN IN THE CLASS CUPBOARD:

1. English Workbook-2 (to be sent home over the weekend)
2. Nelson Handwriting Workbook 2A & 2B
3. General Knowledge Textbook
4. Maths Textbook 2
5. My Little Atlas (if applicable)

● NOTEBOOKS TO REMAIN IN BAG (as per assigned R.A):

1. English Notebook
2. Urdu Notebook
3. General Knowledge (4 Lines Interleaf Notebook)
4. Mathematics Squares Notebook (on Alternate Days)
5. Rough Notebook
6. School Diary

● THINGS AND NOTEBOOKS TO REMAIN IN THE CLASS CUPBOARD:

1. Creative Writing (4 Lines Interleaf Notebook)
2. Islamiyat (4 Lines Notebook)

READERS

Oxford Reading Tree is a series of readers that develops full reading fluency. At TME, ORT is introduced in Early Years and children develop reading skills through phonics. All of our children have successfully completed ORT series. Each book contains a list of new words which keeps on increasing from the first to the last stage.

As reading skills develop children feel a sense of achievement.

Now children will move on to ORT stage 8 & 9.

Parents are requested to keep the readers safe at home and only send the reader which is being read in the class.

Kindly ensure that notebooks are well maintained and returned to the class teacher as per his/her instructions which will be clearly stated in the child's R.A. diary.

In case of any queries or concerns, kindly correspond with the class teacher. To remain actively involved in your child's development and academic progress, you are requested to read his/her R.A. diary on daily basis and sign accordingly. At TME, we believe in "triangle of learning relationships" to educate with full participation of parents, school, and learners. At this stage, encourage them to buy books along with toys as it is only through books that we can develop the intellectual capacity of our children. Reading habit is to be cultivated in primary years.

Grade 3

● BOOKS TO REMAIN IN BAG ON DAILY BASIS:

1. Oxford Progressive English Reader - 1 (book being currently read to be sent to school for reading and rest of the readers to be kept at home.)
2. English Textbook 3
3. Maths Workbook 3A & 3B
4. General Knowledge Textbook (as per assigned work)
5. Science Textbook (as per assigned work)
6. Urdu Textbook
7. Islamiyat for Primary Class 3
8. NCC Digi Navigator 2

● BOOKS TO REMAIN IN THE CLASS CUPBOARD:

1. English Workbook 3 (to be sent home over the weekend)
2. Nelson Handwriting Book 3
3. Maths Textbook 3
4. Urdu Story Book

● NOTEBOOKS TO REMAIN IN BAG (as per assigned R.A):

1. English Notebook
2. Urdu Notebook (Broad Line)
3. General Knowledge (4 Lines Interleaf Notebook)
4. Mathematics Squares Notebook (on Alternate Days)
5. Rough Notebook
6. School Diary

● THINGS AND NOTEBOOKS TO REMAIN IN THE CLASS CUPBOARD:

1. Creative Writing (4 Lines Interleaf Notebook)
2. Islamiyat (4 Lines Notebook)

READERS

Oxford progressive English Readers 1 have been introduced in Class III to further enhance the reading skills of young children and introduce to new vocabulary to them. Children develop their comprehension skills, extend their imagination, and enhance their vocabulary which ultimately leads to language proficiency and independent reading. These books will be read in school as well as at home to stimulate young minds. English Teacher will maintain individual reading inventory of each learner.

Parents are requested to keep the readers safe at home and only send the reader which is being read in the class.

Kindly ensure that notebooks are well maintained and returned to the class teacher as per his/her instructions which will be clearly stated in the child's R.A. diary.

In case of any queries or concerns, kindly correspond with the class teacher. To remain actively involved in your child's development and academic progress, you are requested to read his/her R.A. diary on daily basis and sign accordingly. At TME, we believe in "triangle of learning relationships" to educate with full participation of parents, school, and learners. At this stage, encourage them to buy books along with toys as it is only through books that we can develop the intellectual capacity of our children. Reading habit is to be cultivated in primary years.

Grade 4

● BOOKS TO REMAIN IN BAG ON DAILY BASIS:

1. Oxford Progressive English Reader 2 & 3 (book being currently read to be sent to school for reading and rest of the readers to be kept at home.)
2. English Textbook 4
3. Maths Workbook 4A/4B
4. Science Textbook
5. Social Studies Textbook
6. Urdu Textbook (as per assigned work)
7. Islamiyat for Primary Classes 4
8. NCC Digi Navigator 3

● BOOKS TO REMAIN IN THE CLASS CUPBOARD:

1. English Workbook 4 (to be sent home over the weekend)
2. Nelson Handwriting Book 4
3. Maths Textbook 4
4. Urdu Story Book

● NOTEBOOKS TO REMAIN IN BAG (as per assigned R.A):

1. English Notebook
2. Urdu Notebook (Broad Line)
3. Science 4 Lines Interleaf Notebook
4. Mathematics Squares Notebook (on Alternate Days)
5. Rough Notebook
6. School Diary

● THINGS AND NOTEBOOKS TO REMAIN IN THE CLASS CUPBOARD:

1. Creative Writing (4 Lines Interleaf Notebook)
2. Social Studies (4 Lines Interleaf Notebook)
3. Islamiyat (4 Lines Notebook)

READERS

Oxford progressive English Readers 2 & 3 have been introduced in Class IV to further enhance the reading skills of young children and to introduce new vocabulary to them. Children develop their comprehension skills, extend their imagination, and enhance their vocabulary which ultimately leads to language proficiency and independent reading. These books will be read in school as well as at home to stimulate young minds. English Teacher will maintain individual reading inventory of each learner.

Parents are requested to keep the readers safe at home and only send the reader which is being read in the class.

Kindly ensure that notebooks are well maintained and returned to the class teacher as per his/her instructions which will be clearly stated in the child's R.A. diary.

In case of any queries or concerns, kindly correspond with the class teacher. To remain actively involved in your child's development and academic progress, you are requested to read his/her R.A. diary on daily basis and sign accordingly. At TME, we believe in "triangle of learning relationships" to educate with full participation of parents, school, and learners. At this stage, encourage them to buy books along with toys as it is only through books that we can develop the intellectual capacity of our children. Reading habit is to be cultivated in primary years.

Grade 5

● BOOKS TO REMAIN IN BAG ON DAILY BASIS:

1. Oxford Progressive English Reader - 3 and 4 (book being currently read to be sent to school for reading and rest of the readers to be kept at home.)
2. English Textbook 5
3. Maths Workbook 5A & 5B
4. Science Textbook
5. Social Studies Textbook
6. Urdu Textbook (as per assigned work)
7. Islamiyat for Primary Classes 5
8. NCC Digi Navigator 4

● BOOKS TO REMAIN IN THE CLASS CUPBOARD:

1. English Workbook 5 (to be sent home over the weekend)
Nelson Handwriting Book 5
2. Urdu Story Book
3. Math Textbook 5

● NOTEBOOKS TO REMAIN IN BAG (as per assigned R.A):

1. English Notebook
2. Urdu Notebook (Broad Line)
3. Science (Single Line Interleaf Notebook)
4. Mathematics Single Lined Notebook (on Alternate Days)
5. Rough Notebook
6. School Diary

● THINGS AND NOTEBOOKS TO REMAIN IN THE CLASS CUPBOARD:

1. Creative Writing (Single Line Interleaf Notebook)
2. Social Studies (Single Line Interleaf Notebook)
3. Islamiyat (Single Line Notebook)
4. Geometry (Single Line Interleaf Notebook)

READERS

Oxford progressive English Readers 3 & 4 have been introduced in Class V to further enhance the reading skills of young children and to introduce new vocabulary to them. Children develop their comprehension skills, extend their imagination, and enhance their vocabulary which ultimately leads to language proficiency and independent reading. These books will be read in school as well as at home to stimulate young minds. English Teacher will maintain individual reading inventory of each learner.

Parents are requested to keep the readers safe at home and only send the reader which is being read in the class.

Kindly ensure that notebooks are well maintained and returned to the class teacher as per his/her instructions which will be clearly stated in the child's R.A. diary.

In case of any queries or concerns, kindly correspond with the class teacher. To remain actively involved in your child's development and academic progress, you are requested to read his/her R.A. diary on daily basis and sign accordingly. At TME, we believe in "triangle of learning relationships" to educate with full participation of parents, school, and learners. At this stage, encourage them to buy books along with toys as it is only through books that we can develop the intellectual capacity of our children. Reading habit is to be cultivated in primary years.



BAG ORGANIZATION: SESSION 2023-24

THE MILLENNIUM MIDDLE YEARS GRADES VI-VIII

GENERAL INSTRUCTIONS

- R.A diary is compulsory.
- Timetable must be written in the R.A. diary.
- Middle School learners must be clear about the textbooks and notebooks that need to be kept in their bags, according to the timetable and instructions given by the teacher. Timetable sequence is to be followed generally.
- Bags become very heavy when learners are not clear which textbook will be needed and tend to bring all the books.
- Learners must bring their relevant stationery according to the demand of the lesson.



SCHOOL RULES GUIDELINES FOR PARENTS/GUARDIANS GRADES I-VIII

1. All learners must be punctual.
2. Latecomers will be fined.
3. Application of absence (except in case of sickness) must be given in advance.
4. No learner will leave school premises during school hours, without the permission of the School Head.
5. Each learner must wear the prescribed uniform daily. Uniform must be neat and clean.
6. Personal cleanliness is essential. Learners should maintain a neat & tidy appearance.
 - a. Nails should be trimmed short and kept clean.
 - b. Nail polish is not allowed.
 - c. Teeth must be brushed properly.
 - d. Hair must be clean and combed.
 - e. Boys should have their hair cut short.
 - f. Girls with hair longer than shoulder length should keep them tied up.
 - g. Only black headgear / trimmings are allowed to be worn.
7. Wearing ornaments such as rings / bracelets / lockets etc. are not allowed. Girls may wear simple earrings.
8. No expensive jewellery / pencil cases / stationery items / lunch boxes are allowed to be brought to school. The school will not be responsible for the loss of these articles.
9. A large sum of money should not be brought to school. The school will not be responsible for any loss of clothes, books, money, or any other items.
10. Learners responsible for any damage to school property, furniture, walls, windows etc. shall compensate for it.
11. There will be no exchange of videos/video games / audio cassettes / books or any gift items.
12. **MOBILE PHONES ARE STRICTLY PROHIBITED**
No learner is allowed to bring cell phone / CDs / magazines to school. In case of violation of school rules, cell phone will be taken into custody by the School Head and a penalty will be imposed, on the learners.
13. All notebooks, used by the learners, must be with school monogram and are to be kept neat and labeled properly.
14. All children must compulsorily take part in co-curricular activities organised by the school. as they are especially designed for the overall educational needs and personality development of each child.
15. All learners must pack their bags completely the evening before to avoid leaving something important at home. No parcels / lunch boxes / books etc. will be entertained by the school office, during school hours.
16. Learners having behavioural problems are given special counseling sessions as physical punishment is strictly forbidden.
17. **School administration reserves the right to expel a learner on grounds of academic weakness, misconduct, ill-discipline and misbehaviour without any show cause notice / warning (Ref. Para 4 Admission Form)**
18. No learner is allowed to disturb the academic environment of school, which is a pre-requisite for pursuing academic excellence.
19. There is a Duty Teacher in every campus and he/she remains in attendance till 02:30 p.m.



CREATIVE WRITING GUIDELINES

GUIDELINES FOR

PARENTS / GUARDIANS

GRADES I-II

Dear Parent/Guardian,

At "The Millennium Education" we encourage our young children to think independently by stimulating their imagination through pictures, stories, videos, show and tell time, and talking sessions. All these teaching and learning approaches pique curiosity among young children, and they start posing questions. These activities enhance their vocabulary and thinking skills. Thus, commencing from Early Years, we encourage our children to write independently on topics relevant to their age group and of interest under the guidance of their English teachers.

Initially, we do not check their writings for spelling errors, punctuation, or grammatical errors etc. as at this stage, our aim is to uncover their creative thoughts, their expression and to gradually develop their creative writing skills by introducing a variety of writing approaches, using new vocabulary in the form of word banks, worksheets, picture stories, clues, fill in the blanks and picture sheets. We give a lot of practice to our learners and train them into brilliant creative writers and thinkers. Grammar, sentence structure, vocabulary and spellings are developed, side by side, following a stepped approach. We must remember that the edifice of future learning is based on a strong foundation laid in early and primary years in schools.

We look forward to your cooperation and support in the attainment of our goals. Kindly encourage your child to establish a personal room library and encourage him/her to make books his/her best friend.

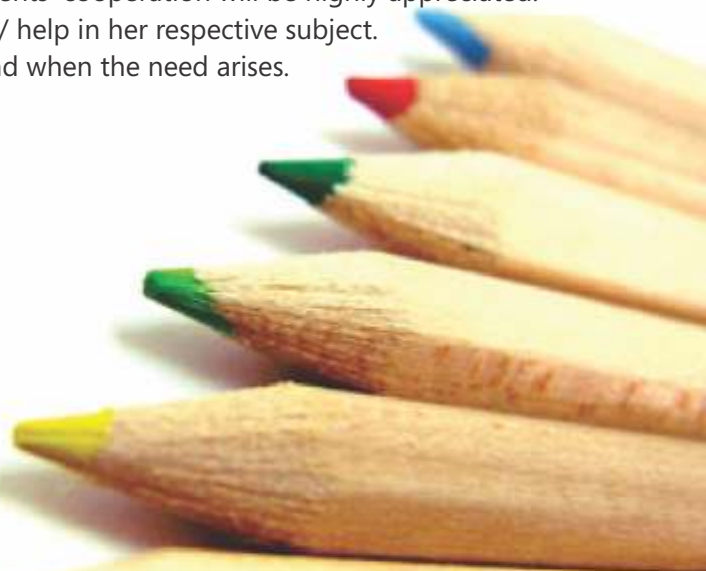
"Books are the quietest and most constant of friends; they are the most accessible and wisest of counselors, and the most patient of teachers."

Charles William Eliot

MATHEMATICS GUIDELINES

GUIDELINES FOR PARENTS / GUARDIANS / LEARNERS GRADES I-V

- Mathematical concepts are taught thoroughly in the class. Ample practice is done in the books, workbooks, worksheets, and notebooks through 'Activity cards'.
- All learners are encouraged to ask for clarification, in case of any problem, in understanding a concept.
- Individual help is given to learners as per their requirement.
- Mathematics is an abstract subject and needs rigorous practice on daily basis.
- All learners have to revise the concept taught and practise in class by doing the reinforcement at home, neatly in their Mathematics workbook/notebook.
- A learner has to submit his/her Mathematics workbook/notebook daily for checking in the first period to the "Subject In- charge".
- In case a learner faces any problem while doing his / her Mathematics R.A, kindly do not do his / her assignment, instead guide him/her to think and solve the problem independently as the very essence of giving the R.A would diminish. Still if the learner cannot solve the problem, he / she must leave it blank on neat workbook/notebook and try on rough notebook and the respective teacher shall guide him/her in the class, the following day.
- Home tuitions are strictly forbidden.
- To achieve 100% marks in Mathematics a learner has to be regular in attendance and needs to be attentive, enthusiastic and motivated.
- Only rigorous practice can yield "A" Grade in Mathematics. Parents' cooperation will be highly appreciated.
- Mathematics teacher shall always be available for any support / help in her respective subject.
- Maths Supplementary Classes are held after school hours as and when the need arises.



GUIDELINES FOR PARENTS/GUARDIANS/LEARNERS

GRADES I-VIII

NEW ACADEMIC YEAR:

Our new academic session will commence from Monday 21st August 2023.

REGULAR SCHOOL TIMINGS:

Primary Tier:

Grade-1 - Grade-5: 8:00 a.m - 01:30 p.m.

Grade-6 - Grade-8: 8:00 a.m. - 02:00 p.m.

Note:

School will observe the same pack up timings for all levels on Friday i.e. 12 noon/12:30 p.m.

OPEN DAY:

Last Saturday of every month is a working school day and different co-curricular and extracurricular activities are planned for the learners to develop their creative, aesthetic and physical abilities. At "TME" we are committed to develop wholesome personalities by providing a forum where learners can display their latent talents. It is obligatory for all learners to attend the Open Days.

DRESS CODE:

Learners can come dressed in casual clothes/ theme dress etc. as per instructions of their respective class teachers.

TIMINGS: Regular school timings will be observed.

DROPPING OFF YOUR CHILDREN:

Kindly ensure that your child is dropped inside the school and handed over to the duty teacher present at the entrance.

COLLECTION OF CHILDREN:

At home time all children should be collected from inside the school premises. Learners are not allowed to go home with friends after closing hours. Only deputed transport / driver / guardian / parent can collect them from inside the school premises. **NO CHILD IS ALLOWED TO LEAVE THE SCHOOL DURING THE SCHOOL HOURS UNLESS PERMITTED BY THE SCHOOL HEAD/HEADMISTRESS/ PRINCIPAL on issuing a written permission slip.**

HOLIDAYS:

In addition to the weekly holidays on Saturday and Sunday the school will remain closed on all gazetted holidays. All holiday notices will be issued, in writing, by the school office. We do not communicate verbally, thus you are requested to contact the school office immediately in case you do not receive any written notice regarding holidays.

LEAVE FROM SCHOOL:

Regular attendance is the key to success as irregular attendance adversely affects the academic progress of a learner. Kindly ensure your child's regular attendance at school to strengthen our goal of bringing out the best in your child. In case of sickness/ injury/ emergency, a written application must be submitted to the principal, failing which strict action will be taken against a learner who is absent from school without any written intimation.

TEACHING METHODOLOGY:

At TME, we primarily use learner centered teaching methodology in which learners are active partners in the learning process, facilitated by their respective teachers. Each learner is encouraged to think and learn logically through exposure to a variety of teaching techniques, which develop skills and ability in a learner to be able to comprehend knowledge and apply it in relevant situations.

While no child is like another, we believe that for each, the level of achievement can be raised, aspirations stirred, potential talents discovered and developed so that he/she can find his own worth and self esteem. We believe that children must be provided with ample opportunities to interact socially, discuss problems find remedial measures, explore the unknown, reach out for information, and present it with reasoning.



OUR AIM is to develop a balanced personality by bringing out the best in a child intellectually, physically, morally, and culturally. It is vital that the mind and intellect, which pilot the dynamics of personality, are developed on the right lines. To be able to compete in today's world, we introduce competitions and hard work at the grass root level. Learners are motivated to aspire for excellence in all spheres of life.

At "TME", we encourage our children to learn independently and for that the focus is on making the learners comprehend the taught concepts. We discourage rote learning of concepts and ideas. Our committed and dedicated subject specialists are sensitive to the individual needs of the learners. Thus, repetition and reinforcement are integrated in our teaching methodology.

We lay emphasis on the four skills of language i.e. Listening, Speaking, Writing and Reading by introducing a variety of materials to learners other than their course book.

CREATIVE WRITING:

is introduced in grade I and is gradually developed through a well designed programme. Reading and communication skills form the central part of our language curriculum.

ASSESSMENT SYSTEM:

At "TME" we observe a continuous assessment system in the form of spot assessments, surprise tests, class tests, presentations, research work, projects, monthly, sessional and term exams. An **Examination and Assessment Committee - EAC** has been constituted for quality assurance, in the assessment system.

The class teacher maintains individual record of every learner. Monthly sessional/tests are held on scheduled dates (duly informed through the R.A diaries). Each learner's monthly folder is sent home for parent's perusal. In case a child's academic graph is not satisfactory, a parent - teacher meeting notice is issued along with the result so as to determine the cause of weakness and to immediately identify the problem and work together for the growth of the learner. We consider parents as our most valuable partners as together we are committed to develop the maximum potential of our child. You are most welcome to initiate a meeting with the principal, to discuss your child's academic progress/behaviour, etc. by taking prior appointment through the school coordinator to see the Head on Thursdays, between 2:00 to 2:30 p.m.



CLASSES I TO III (Primary Years):

- In the Primary School i.e. Classes I to IV, learners are assessed on the basis of their daily class performance, written assignments, class participation, presentations and class evaluation tests. In class III alongside class assignments, monthly assessments are taken at the end of each month. All assessments and tests are marked and entered in the child's personal record graph which is maintained by the respective class teacher and sent home at the end of every month along with the evaluation papers, in a school folder, for parents' perusal and signatures.
- In a continuous assessment system, a learner must maintain regular attendance to ensure consistent academic growth. Irregular attendance adversely affects the academic performance of a child.
- Teaching is done in school by using a variety active learning strategies.
- Personalised attention and sensitivity towards individual differences is the hallmark of TME environment.
- Only reinforcement of class work/practice sums/vocabulary hunt exercises/enhancement of word power, sentence making/labelling colouring of drawings/handwriting practice is given for home assignment as a learner must revise his/her learning on daily basis to ensure sound academic progress.
- Our aim is to make the young child independent and responsible from the very beginning of his school years.
- Our children are self-motivated and do their work independently and are guided, encouraged and motivated by their teachers along with the support of parents who ensure that their child is revising his class concepts at home. In case a child has any problem in comprehending a concept, it is revised again by using different approaches. Thus, a child is nurtured by highly skilled hands and his potential is developed to the fullest. The child feels thrill of success by discovering his own potential.

- Encouragement, motivation, personalised attention; love and affirmation are the key characteristics of our teachers.
- Physical punishment or public humiliation is strictly forbidden in The Millennium Education, Pakistan.
- Children are fragile flowers and we need to treat them with love and care.
- In case a child's graph is not showing satisfactory progress in his monthly assessments, the School Head is to arrange a meeting with the parent to determine the cause as our system is based on the "Triangle of learning relationship" where Teacher's, School and Parents work collaboratively to enhance the potential of a child.
- In Primary Years, our main focus is on four main subjects i.e. English, Science, Urdu and Mathematics. Language skills are developed on scientific line-grading and guidance so as to attain proficiency in all four skills i.e. listening, speaking, reading and writing. A sound foundation of Mathematics is laid in Primary Years. Islamiyat is taught along with practical examples. Science and Social Studies are taught through by experimentation, practical experiences and role-play.

EMPHASIS ON DEVELOPING READING SKILLS & STORY TELLING:

Each learner is encouraged to develop reading habit at an early age and is issued books from the school library on regular basis. Please encourage your child to develop his/her own personal library in his bedroom. This would be the most precious treasure for his life. Join our efforts to enhance "reading skills and story writing" in our learners.

PROMOTION CRITERIA (Grades I-IV):

- Learners are promoted on the basis of their academic record that is maintained throughout the year, age and ability level. Learners are assessed on the basis of their class work, class assignments, assessments and an aggregate is maintained in their personal inventory. The term result is based on the overall aggregate of the learner for the entire term. No formal examinations are held in these classes as emphasis is on developing their basic skills in language, mathematics and science.

GRADES V:

In class V alongside class tests, and monthly assessments, two terminal exams are held at the end of each term.

PROMOTION CRITERIA(Grade V):

A learner is promoted on the basis of his/her complete academic record i.e. class assessments, monthly sessionals, term exams and annual examination. Any learner failing to achieve the pass percentage i.e. 60% is recommended to repeat the class to strengthen his/her academic base.

VALUES EDUCATION:

Islamic values are inculcated in young minds by narrating stories of the Holy Prophet (ﷺ) and caliphs; Six Kalmas and Namaz are an integral part of our curriculum. All learners are nurtured on the principles of Islam and the ideology of Pakistan so as to produce future proud citizens imbued with the spirit of Islam and patriotism to serve their motherland and humanity. "Sharing is the essence of human relationship", is the slogan of "TME" as it is the most important value in life. All other values, which contribute towards a culture of peace, non-violence and tolerance emerge from this value. We believe, it is in the early years, that the foundation of peace, tolerance, solidarity and selflessness can be laid down for later progression. School education, thus becomes the stepping-stone for greater things in life, starting in school but not concluding there.

THE MILLENNIUM EDUCATION SUPPORT SYSTEM:

We do not use the word "home work"; rather we use the term reinforcement activity. Follow up and reinforcement of the concepts taught in the class are sent home for the child to reinforce the taught concepts independently, and to facilitate learning and understanding. Parents are requested to cooperate with us in monitoring/ supervising that the learners complete the given assignment independently. This little cooperation would certainly enhance the progress of your child.



THE MILLENNIUM PRIMARY YEARS - TMPY

Our aim is to support children to become competent learners, graduates, and professional practitioners, improving the lives of individuals and communities. The 5 years primary school program is structured for ages 6-10 years.

- **SCOPE & ROLE OF DIQCA (Department of International Qualification, Curriculum and Assessments)**

The MIPP has been developed by experts and subject leads from DIQCA; Department of International Qualifications, Curriculum and Assessments, at The Millennium Education which has been established on the same lines as the QCA department of UK and Wales. The TMPY has been benchmarked against international curricula. Subject wise curriculums are developed in-house and are vertically and horizontally aligned with each other.

Internationally appropriate and relevant, The Millennium Primary Years have been designed to be culturally sensitive. TME is known for its in house worksheet system for years. Our worksheet system is meant to give maximum learning in minimum time.

It includes top-quality teaching and assessment resources appropriate for teaching and learning. The child is given maximum exposure, locally and internationally as the topics in each subject are globally recognised. Teaching strategies and resources support and ensure an engaged learning environment which enhances child's knowledge, skills, attitude, and values.

Suggested scheme of work helps teachers plan effective teaching. The scheme of work covers all the learning objectives in the primary curriculum framework, providing a suggested teaching order as well as sample activities. Each stage is split into a number of units, which can be used as a starting point for producing better lesson plans.

- **THE PRIMARY YEARS ASSESSMENTS**

The Millennium Primary Years forms part of International Education for ages 6-10 years.

A continued assessment system is followed from Grades 1 till 3. Grade 4 introduces monthly assessments to warm up and prepare the child for the upper primary tier.

Grade 5 introduces proper centralised examination. The Millennium Education provision also includes first-class support for teachers through publications, online resources, training, workshops, and professional development followed by monitoring teaching standards. We try our level best to stimulate the capability of children to achieve a dynamic state of development.

The Millennium Primary Years believes in learning beyond the classroom and has introduced ways to develop holistic learning moulding their young minds, by use of a variety of teaching and learning approaches.

Our main aim is to provide an environment where each child aspires for excellence.

- **THE MILLENNIUM MIDDLE YEARS - TMMY**

Provides a natural progression for children from Primary Education and builds their knowledge and skills.

The Millennium Middle Years is the elementary school level offering continuous education in Grade 6, 7 and, 8.

Middle Years is the most comprehensive and unique elementary school qualification; thus preparing Millennium learners for their international/national examinations offered by the University of London, Edexcel, or the University of Cambridge International examinations UK, and/or FBISE/BISE Matric examination.

- **SCOPE & ROLE OF DIQCA IN THE MILLENNIUM MIDDLE YEARS**

The TMMY has been developed by experts and subject leads from DIQCA; Department of International Qualifications, Curriculum and Assessments at The Millennium Education, which has been established on the same lines as the QCA department of UK and Wales.

The TMMY has been benchmarked against international curricula. Subject wise curriculums are developed in-house and are vertically and horizontally aligned. TMMY has been created to support teaching and learning in the years prior to IGCSE, O levels, and Matriculation.

TMMY is the Middle Years which is based on curriculum of English, Science, Mathematics, History, Geography, Pak Studies, Islamiyat and Urdu that are stimulating for learners.

Urdu, Islamiyat, and Pak Studies are taught with our national perspective using international teaching strategies.

The knowledge and skills that are developed can ensure a smooth transition from secondary to higher national/international qualifications. The age level is 11-14 years for this qualification.

AWARDS, ACHIEVEMENTS & GLOBAL RECOGNITION

- Brands of the Year Award 2011 - 2012
- Civil Award of 'Tamgha-i-Imtiaz' conferred upon Chaudhry Faisal Mushtaq in the field of Education and Youth
- CRI-Roots Confucius Classroom Award
- Scholarships and Rewards earned by TME students worth Rs. 1.5 Billion (\$15 Million) at Ivy Leagues
- Best Young Entrepreneur of the Year 2011 Award
- Winner of Environmental Excellence Award for 2010 and 2011 consecutively
- Global HR Excellence Award 2011 and 2014 by Global Media Links, Pakistan
- Brands of the Year Award 2010 and 2011 by Brands Foundation, Pakistan
- Winner of 8th and 11th Environment Excellence Award
- Pakistan's 1st ISO Certified School by SGS Switzerland
- 'Young CEO Excellence Award' and Education Industry Excellence Award presented to Chaudhry Faisal Mushtaq by Global Media Links, Pakistan
- Best Young Entrepreneur of the Year 2012 Award for 2nd Consecutive Year
- All World Network PK-100 winner 2011 fastest growing 100 organizations of Pakistan
- Intel Education Award 2012 by Intel Education Pakistan
- The WWF Green School Award by WWF Pakistan
- Best Educationist of the Year Award 2014
- The Millennium Education (TME) was selected by Microsoft as a 2020 Microsoft Showcase School for its excellence in demonstrating student outcomes resulting from its commitment to educational transformation, driven effectively by teachers and school leaders of TME. The Millennium Education provides both inspiration and an opportunity for all community members to see and experience the future of digital transformation in education
- CEO Chaudhry Faisal Mushtaq has been conferred Honorary award of Doctor of Education Conferment Ceremony St Albans Cathedral, St Albans, Hertfordshire, United Kingdom 8th September 2021
- Dr. Chaudhry Faisal Mushtaq is ranked amongst 500 Most Influential Muslims of the World.
- The Millennium Education (TME) group got the prestigious and pioneering Educational Technology (Ed-Tech) Award 2022

SAFETY AND SECURITY

As a Millennial, your child will be in a secure, safe, and stimulating environment. To ensure the balance of security and privacy of your child, TME has taken explicit security measures:

- 1 Retired military personnel as security guards.
- 2 Armed guard posts and pickets.
- 3 CCTV CAMERAS + DVR systems, and IP based monitoring system.
- 4 Emergency alarm system and panic bell.
- 5 Metal detectors, biometric devices, and Concertina Razor Wires.

CAFETERIA

We, at TME, maintain good quality of food and perfect hygiene in our cafeterias. Food safety is given importance in all TME campuses realising the fact that children can be susceptible to food borne illnesses. The school cafeteria provides learners with a variety of best quality food at reasonable prices, closely monitored by the school administration.

TME SPORTS FACILITIES

At TME Campuses, sports are an integral part of school activities, supported by necessary resources. There are separate grounds for cricket, hockey, and football and separate courts for volleyball and basketball that are properly maintained. For indoor games, table tennis and badminton facilities are available. Qualified, male and female physical

training instructors supervise learners' physical training. All classes have regular sports periods every week. Play grounds are an essential resource that help children adopt an active lifestyle. TME provides expansive playgrounds that sustain a healthy lifestyle beyond the school curriculum. Sporting areas are well constructed and maintained with the best of props and essentials to host a variety of group and individual sports e.g. Skating, Karate, Table Tennis, Volleyball, and Basketball. TME also boasts of State-of-the-Art Swimming Pool in some of its campus, where qualified trainers help students practice and excel in swimming.

LIBRARY

TME school libraries are a catalyst for literacy, reading, teaching, and scaffolding to support inquiry-based learning. It is our belief that libraries will always exist as places for learners to find information, resources, services, and instruction. TME has established well equipped libraries in each campus.

UNITED NATION ACTION DAY

The Millennium Education Annual Activity Calendar clearly highlights and celebrates the UN action days at our school. Special arrangements and presentations are made during morning assemblies and the school environment is transformed to support the action day through art, activity, engagement, and creativity. These provide useful means for the promotion of international and national action and stimulate interest in United Nations activities and programmes.

DIVERSE TEACHING APPROACH & METHODOLOGY

GRADES I-VIII

PREPARATORY SCHOOL

Grade VI, is the first rung of the high school ladder, offers a challenging programme. Children are trained to stay focused, organised, diligent, regular and above all independent learners. To be able to compete in today's world we inculcate a sense of competition and pride in hard work at the grass root level so that our learners excel in any national/international university tests.

TME with its future based curriculum, introduces the children to a wide variety of subjects. We lay emphasis on English language skills i.e. listening, speaking, writing and reading by introducing a variety of materials to our learners in the form of unseen comprehensions, picture stories, write ups on issues and worksheets other than their course books. Creative writing is introduced from grade 1 and gradually developed according to a designed programme. Reading and communication skills form the central part of our language curriculum.

Importance of Mathematics in today's fast paced world cannot be denied. Maths is of axial value to all the sciences and even social sciences. With an increasing emphasis by the universities to base their tests on GMAT and SAT scoring, maths has become a vital subject. Our competent subject specialists of maths facilitate the students in and outside the class and try to make their concepts clear. Moreover rigorous reinforcement with effective teaching gives 100% results.

Science, Social Studies and ICT are taught through hands on approach. Each student is encouraged to think and learn logically through provision of learning opportunities including problem solving research projects and role plays. In Social Studies our key emphasis is on the provision of ample opportunities to interact and study the world cultures and appreciate diversity as the shared heritage of mankind. We believe that "SHARING IS THE ESSENCE OF HUMAN RELATIONSHIP", our learners actively participate in promoting Pakistan and its culture to people of the world through UNESCO network. Recently, the school has organised a stage presentation on SAARC nations which was acclaimed by the representatives of SAARC nations and the Foreign office of Pakistan and His Excellency, the Prime Minister of Pakistan.

Values Education: Islamic values are inculcated in young minds in the morning assembly. Six Kalmas and Namaz are an integral part of our curriculum. All learners are nurtured on the principles of Islam and ideology of Pakistan, so as to produce proud future citizens, imbued with the spirit of Islam. We believe that in early years, the foundation of peace, tolerance, solidarity and selflessness is to be laid as it is the base upon which the edifice of life stands. We practice what we preach. Every year our learners distribute books, copies and bags to the underprivileged learners of sister schools.

R.A. (Reinforcement Activity): We do not use the word home work, rather we use the term R.A. As a routine, in high school, two written, one verbal and Maths is given daily as R.A Parents

For all the parents, who are working hands in hands with us to pass the legacy of hope to the children of tomorrow's world.

are requested to help monitor that the learners complete their assignments independently. All assessments and exam papers in the preparatory school have 60% objective and 40% subjective part. Therefore thorough study of the text and related material is very important. Teachers prepare learners for exams, to the best of their abilities. The Examination Board tests the application of the knowledge and the ability of the learners to present their ideas analytically and logically. Throughout the year, unseen text is given to the learners with assigned tasks. Rote learning is discourge. We have a learner centred, highly interactive class environment in which children are active learners. The task of a teacher is to determine the hidden potential of her learners, develop it fully by exposing the learners to different tasks and roles, by providing them every opportunity to display their latent talent.

Remedial Classes: We understand that no two children are alike, and each will grow according to his / her own pace, therefore, TME is sensitive to individual differences and variable abilities. Special remedial classes are arranged after school hours, as and when required. We keep the parents fully informed about their child's progress and extend all our support to bring out the best in our children.

With your support we shall advance in our commitment towards quality education and excellence in all tiers of the school. We assure you of our wholehearted co-operation at all times. Do not hesitate to contact us in case of any query.



**MILLENNIUM
EDUCATION**

at The Millennium Education, Pakistan
WORLD CLASS EDUCATION EXPERIENCE

➔ CHINESE AND GERMAN LANGUAGE INITIATIVE

To help eliminate language barrier between Pakistan and China, CEO TME Dr. Faisal Mushtaq, introduced Chinese language classes across Pakistan, with the aim of allowing learners to speak and write as proficiently. Moreover giving learners an opportunity of learning German is a well-timed and pertinent decision taken by TME CEO, Dr. Faisal Mushtaq to make learners a part of global community. Those who speak these languages can not only communicate with 119 million people worldwide in their mother tongue, but it ensures the basis of their studies in Germany and China, followed by an international career.

➔ TME SETTING NEW BENCHMARKS IN THE FIELD OF EDUCATION

TME feels excited to share the vision of a UK based qualification, The Millennium Edexcel Primary Program. It provides an international benchmark of achievement with externally marked achievement tests and certification. At the end of each TME Grade (2, 3, 4, 5), TME students are awarded an Edexcel certificate on successful completion of the Achievement Test.

➔ MILLENNIUM ENHANCED LEARNING & TEACHING PROGRAMME - MELT

The Millennium Education has launched MELT (Millennial Enhanced Learning and Teaching) Program which caters to all the needs of 21st century learning and teaching. It encompasses the three basic areas i.e. Curriculum for the students, Technology for Classrooms and Training for Teachers. The program will enhance creativity and innovation in learners and teachers. It will help them communicate and collaborate with learners and teachers across the globe. This program explores pupils' views on the use of information and communication technology (ICT) within subject teaching and learning. They would associate the use of digital literacy tools and resources with changes in working ambience and classroom relations, as well as with raised interest and increased motivation on their part. Pupils welcome opportunities for independent working mediated by ICT in which they would engage more directly with appropriately challenging tasks. Technology for classroom-Interactive board and windows based tablets for teachers, COWS computers on wheels are part of this initiative. Keeping in view the fast paced technological revolution, TME has introduced Interactive boards in all its classrooms, nationwide. Another step taken by TME for technological advancement. All the teachers have been trained by professionals on the usage of Interactive boards. ICT curriculum is not intended to stand alone, but rather to be infused within core courses and programmes. Technology is taught within the context of applications. Activities, projects and problems that replicate real-life situations are effective resources for learning technology. Students will learn:

- that, although technology is often complex, it is simply "a way of doing things"
- about the impact of technology in their lives and workplaces

- how to determine which processes, tools and techniques to use, and when to use them
- how to use and apply a variety of information and communication technologies to problem solving, decision making, inquiry and research in the context of other subject matters.

➔ INTERNATIONAL KANGAROO MATHEMATICS CONTEST

Each year Millennials set new records and bring pride to TME by earning gold medals in IKMC showing educational excellence and outstanding Records of Achievement. IKMC is a source of intellectual encouragement for every student and a challenge for the genius ones. We make an effort to give our children confidence in their ability to comprehend mathematics, and to understand how mathematics is applied in real life.

Our young Millennials, aging from 6 -18 years, have been setting new records in IKMC since its introduction in Pakistan. Our young scholars have clinched numerous gold, silver and bronze medals in the contest which has now become an enthusiastically awaited academic event for our learners every year. This year the final registration date will be shared as and when communicated by [Kangaroo Sans Frontieres - KSF](#).

➔ INTERNATIONAL KANGAROO LINGUISTICS CONTEST

The IKLC contest has an international character. It brings together the linguistic pedagogical experience from a number of countries and aims to promote a good communication culture which is crucial for thriving in today's world. Our young Millennials aging from 6 - 14 years have been setting new records in IKLC since its introduction in Pakistan. Our young Millennials have clinched numerous gold, silver and bronze medals in the contest which has now become an enthusiastically awaited academic event for our learners every year. This year the final registration date will be shared as and when communicated by [Kangaroo Sans Frontieres - KSF](#).

➔ INTERNATIONAL BEBRAS INFORMATICS CONTEST - IBIC

TME is pleased to inform you about a wonderful professional development opportunity for the learners of TME. Kangaroo Sans Frontieres (KSF) announced "International Bebras Informatics Contest (IBIC) in Pakistan, which is a competition aimed at raising awareness of informatics and Computer fluency in a fun and rewarding way. This contest involves solving tasks in using computational thinking skills. This contest acts as a source of inspiration and this serves as a valuable lesson for developing creativity in school children. Its purpose is to train participants to be independent and perform better while facing out-of-the-book problems.

Our young scholars have clinched numerous gold, silver, and bronze medals in contest which has now become an enthusiastically awaited academic event for our learners every year. This year the final registration date will be shared as and when communicated by [Kangaroo Sans Frontieres - KSF](#).

➔ INTERNATIONAL KANGAROO SCIENCE CONTEST

The Kangaroo Sans Frontières-Pakistan (KSF) – Pakistan brings together the experience of education experts from around the world. It aims to promote a culture of critical and clear thinking as well as good communication skills. KSF intends to contribute in the educational progress of Pakistani schools and colleges in various ways, which also includes organizing of world's largest mathematics contest and an annual international linguistic contest. Last year KSF-Pakistan has launched the International Bebras Informatics Contest (IBIC) in Pakistan to support the culture and education in Computer Science.

All these contests provide an international recognition to school children at a very early stage of their life. These competitions give students an opportunity to prove that their talent is second to none, even at international level.

Kangaroo Sans Frontières' (KSF) – International Science Contest (IKSC), provides an excellent incentive to school children to make efforts to work on the development of basic science skills- acquisitive, organisational, creative, manipulative and communicative as children are naturally curious.

International Science Contest (formally known as International Kangaroo Science Contest (IKSC) has been launched, which is specifically designed to refine the most essential and basic character of exploring and discovery. This year the final registration date will be shared as and when communicated by Kangaroo Sans Frontières - KSF.

➔ DAWN SPELLING BEE

TME proudly initiates the annual Dawn spelling bee contests organised in collaboration with US embassy and Dawn Group of Newspapers. This program empowers reading, listening and speaking skills of Millennials. Spelling Bee is a competition in which contestants are asked to spell a broad selection of words, usually with a varying degree of difficulty according to their age group. Each year our Millennials win and bring pride to the school's name.

➔ R.A. DIARIES

R.A diary promotes active involvement of parents in their children's learning process. Moreover, the diary encourages learners to become more active in their personal development by including records for reading and personal goal setting. The Millennium Education recognises parents as partners giving them easy access to teachers through the diary. Parents are requested to share their apprehensions through the R.A diary.

Your query can be solved directly by approaching the General Manager, Department of International Qualifications, Curriculum & Assessments | DIQCA.

Asma Saleem

Email: asma.saleem@tme.edu.pk

Tel: 051-2375201-05.

➔ MILLENNIUM NEWSLETTER

It is a bimonthly newsletter publication of The Millennium Education Pakistan. This newsletter praises the high achieving

Millennials and exhibits the profound activities in different campuses. It keeps you informed about the latest news, healthy activities, celebrations, campaigns and programs in throughout the 35 campuses of TME

➔ MILLENNIUM GREEN SCHOOL PROGRAMME

The TME WWF Green School and Curriculum Programme is designed for the entire year to give learners regular insight into the eco dynamics and the overall environmental challenges faced at global and regional level, to broaden their scope as a responsible custodian of valuable natural resources and to consequently inculcate civic responsibility in them.

WWF Pakistan is running the exclusive Green School Certification model with the objective to engage learners, teachers and learning community of TME Education system in a structured Annual Awareness Programme to foster a sense of individual responsibility and accountability amongst the future generations of Pakistan towards nature conservation.

Millennium Green Education Learners experience different kinds of green school activities throughout the year including; Alternate Energy, Natural Disaster Reduction Day, Exploitation of Environment in War and Armed Conflict, World Water Day, Earth Day, Brown Bag Lunch Day, Green Consumer Day, Save the Earth, World Wetlands Day, Nature Carnival, Say No to Plastic, Earth Hour, Earth Day, Nature Photography Workshop, Spellathon, Waste Free Lunch, Eco Adventure Activity, Nature Carnival and Green Corner in order to gain insight of the environment and its issues.

We believe when learners learn through a problem or project based approach, or a key strategy in environment-based education, they gain a better understanding of what they have learned. They take charge of learning key skills for success in our data-driven, rapidly changing world.

➔ MILLENNIUM'S JUNIOR STAFF ENROLLED AS RED CRESCENT VOLUNTEERS

In January, 2015: Pakistan Red Crescent Society (PRCS) has organised its first aid training for the junior staff of The Millennium Education of twin cities, Rawalpindi and Islamabad, at Millennium One World Campus E-11/4, Islamabad, followed by PRCS certificate distribution ceremony amongst the volunteers and an inspirational talk by the Chairman of PRCS Dr. Saeed Elahi. The Millennium Education (TME) has signed an MOU with Pakistan Red Crescent Society (PRCS) to promote volunteerism and community work. This training was attended by 200 people where they were taught how to save lives in emergency situations.

First aid training courses in The Millennium Education schools are organised to teach simple skills which would help people to provide first aid in case of emergency.

The Millennium Education has contributed extensively towards volunteerism & community work. We at TME have strengthened this relationship by offering staff of Millennium Schools to be part of upcoming volunteer projects.



MILLENNIUM
EDUCATION



Cambridge
IGCSE

INTERNATIONAL GENERAL CERTIFICATE OF SECONDARY EDUCATION - IGCSE

First Day Pack 2023-24

ORIENTATION CLASSES

Orientation/Introductory classes for IGCSE I shall begin from the 15th of August 2023. Learners shall be allowed to attend all subject classes in order to make a careful decision regarding subject combination. These classes aim at:

- Providing opportunity to learners, both Millennials and others, to visit and get to know about Cambridge IGCSE offered at TME
- Introducing subject groups offered at TME
- Mentoring and counselling learners about subject selection
- Giving orientation about Cambridge IGCSE curriculum
- Sharing success criteria with learners
- Providing learners opportunity to interact with the teaching staff
- Briefing learners about TME internal assessments and Cambridge International Examinations

Schedule of Orientation classes shall be provided by the respective School Head or Academic Coordinator.



CAMBRIDGE IGCSE SUBJECTS

Cambridge IGCSE offers a very wide range of subjects to choose from and a variety of alternative routes for learners. Therefore, Cambridge IGCSE is highly suitable for a personalized approach.

Education is continually changing. CAIE keeps ahead by updating the entire Cambridge IGCSE suite regularly. Schools ensure implementation of the updates.

Cambridge Languages

- English Language
- Urdu Language
- German Language

Cambridge Sciences

- Physics
- Biology
- Chemistry
- Mathematics
- Mathematics Additional
- Information Communication Technology
- Computer Science

Cambridge Humanities & Social Sciences

- Accounting
- Business Studies
- Economics
- Enterprise
- English Literature
- Islamiyat
- Pakistan Studies

SUBJECTS OFFERED AT TME

The learners are encouraged to choose the subjects that they are interested in and want to pursue in the future. Learners, who are unsure of the career path they want to pursue, are encouraged to select subject group with an opportunity of pathway to a variety of fields. The learners are allowed to sit in different subject classes during the orientation week to be sure of the subjects they want to study in IGCSE. The following subject groups are offered at The Millennium Education.

Compulsory Subjects

- English
- Mathematics
- Pakistan Studies
- Islamiyat
- Urdu

Science Group

- Physics
- Chemistry
- Biology

Computer Sciences Group

- Physics
- Chemistry
- Computer Sciences


Social Sciences Group

- Business Studies
- Accounting
- Economics


SCHOOL REGISTRATION PROCESS

After taking a one-week introductory classes, student shall be in a better position to decide the subject combination, with their parents' consent, in order to pursue the IGCSE programme.

Following IGCSE Registration Form has to be filled in.



MILLENNIUM
EDUCATION



'O' Level & 'IGCSE' Registration Form

Student's Information

Date / /

Student's Name:

Father's Name:

Date of Birth: / / Nationality:

Permanent / Postal Address:

Mobile:

Tel (Res):

Email:

Student Academic Details & History	Previous School Address	Passing Month / Year	Grade / Percentage Marks Obtained	Subjects or Grade of Study	Promoted to Class / Grade

Achievement in

Roots Millennium Schools is offering the following subjects in 'O' Level & 'IGCSE'

1. Biology (0610) <input type="checkbox"/>	7. Business Studies (0450) <input type="checkbox"/>	13. Information & Communication Technology (0417) <input type="checkbox"/>	18. Commerce (7100) <input type="checkbox"/>
2. Chemistry (0620) <input type="checkbox"/>	8. Economics (0455) <input type="checkbox"/>	14. Pakistan Studies (0448) <input type="checkbox"/>	19. Travel & Tourism (0471) <input type="checkbox"/>
3. Physics (0625) <input type="checkbox"/>	9. Sociology (0495) <input type="checkbox"/>	15. English-1 st Language (0500) <input type="checkbox"/>	20. Environment Management (0680) <input type="checkbox"/>
4. Mathematics (0580) <input type="checkbox"/>	10. Computer Sciences (0478) <input type="checkbox"/>	16. Urdu Language (0539) <input type="checkbox"/>	
5. Math Additional (0606) <input type="checkbox"/>	11. Global Perspectives (0457) <input type="checkbox"/>	17. Art & Design (0400) <input type="checkbox"/>	
6. Accounting (0452) <input type="checkbox"/>	12. Islamiyat (0493) <input type="checkbox"/>		

Note:- To enter a Pakistani Institution following the 'O' Level, 'IGCSE' & 'A' Level System, a candidate must take 8 subjects in 'IGCSE' / 'O' Level including Mathematics, English, Pakistan Studies, Islamiyat & Urdu which are compulsory subjects other than that students can opt for 3 or a more subjects and for foreign Nationals minimum requirement is 5 subjects including compulsory subjects (English & Mathematics) but can opt for more than 5 subjects also.

Principal

Co-ordinator

Guidance Counselor

Head Office
Roots Millennium Schools
 No. 80, Street 1, Sector E-11/4, Islamabad.
 Tel: +92 51 2375201-5 Fax: 2375208

NOTEBOOK ESSENTIALS & MAINTENANCE GUIDELINES

The following notebook essentials must be pasted in our learners' notebooks, in the given order, so that they can refer to them regularly to understand and have command over Cambridge Examination requirements.

1. Cover Page:

Subject name and subject code.

2. First Page:

Pointer with relevant Term (First Term or Second Term).

3. Second Page:

List of topics for the terms.

IGCSE-I

English 0500

First Term Syllabus

Cambridge Checkpoint:

- | | |
|---|--|
| <p>1. Unit 1: Art, Design and Fashion
Workbook: Unit 1
Word Smart Book 1: Words with A
Descriptive and Narrative Writing</p> <p>2. Unit 2: Modern Living
Workbook: Unit 2
Word Smart Book 1: Words with B & C
Descriptive and Narrative Writing</p> <p>3. Unit 4: Division and Conflict
Workbook: Unit 4
Word Smart Book 1: Words with D
Descriptive and Narrative Writing</p> | <p>4. Unit 5: Facing the Future
Workbook: Unit 5
Word Smart Book 1: Words with E
Descriptive and Narrative Writing</p> <p>5. Unit 6: Making Choices
Workbook: Unit 6
Word Smart Book: Words with F</p> |
|---|--|

4. Third Page:

Assessment overview

Assessment overview

All candidates take two papers. Paper 1, and one of Paper 2 or Component 3. Component 4 is optional and assesses speaking and listening skills. This component is separately endorsed and marks will not contribute to a candidate's overall grade.

All candidates take:

Paper 1 2 hours
Reading 50%
80 marks
Structured and extended writing questions
Questions will be based on three reading texts
Externally assessed

and:

Paper 2 2 hours
Directed Writing and Composition 50%
80 marks
Extended writing question and a composition task
Externally assessed

or:

Component 3
Coursework Portfolio 50%
80 marks
Three extended writing assignments
Internally assessed and externally moderated



5. Fourth Page:

Assessment objectives.

Assessment objectives

The assessment objectives (AOs) are:

AO1 Reading

Candidates will be assessed on their ability to:

- R1 demonstrate understanding of explicit meanings
- R2 demonstrate understanding of implicit meanings and attitudes
- R3 analyse, evaluate and develop facts, ideas and opinions, using appropriate support from the text
- R4 demonstrate understanding of how writers achieve effects and influence readers
- R5 select and use information for specific purposes.

AO2 Writing

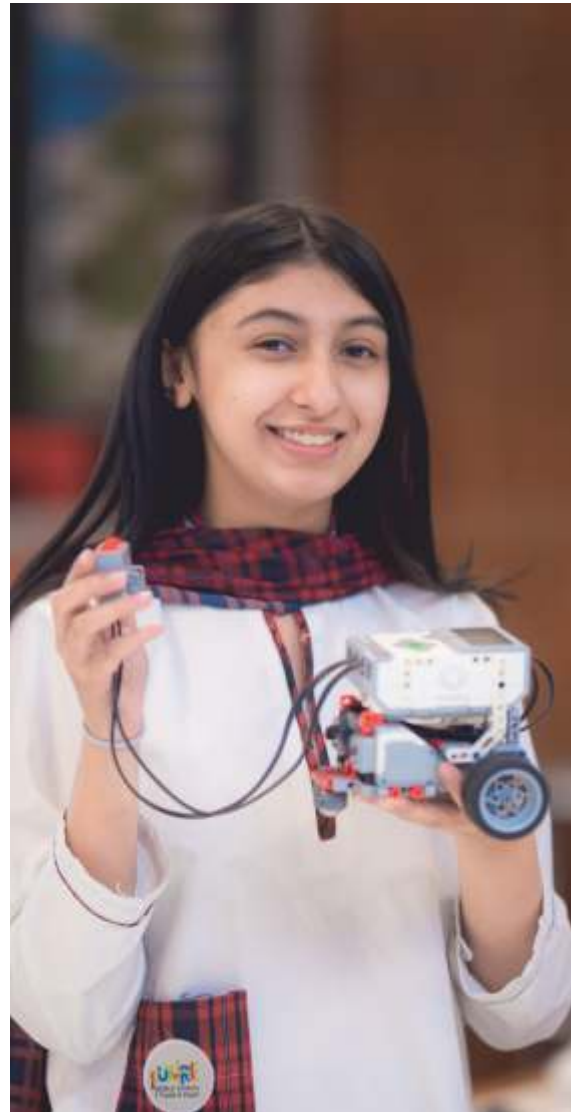
Candidates will be assessed on their ability to:

- W1 articulate experience and express what is thought, felt and imagined
- W2 organise and structure ideas and opinions for deliberate effect
- W3 use a range of vocabulary and sentence structures appropriate to context
- W4 use register appropriate to context
- W5 make accurate use of spelling, punctuation and grammar.

AO3 Speaking and listening

Candidates will be assessed on their ability to:

- SL1 articulate experience and express what is thought, felt and imagined
- SL2 present facts, ideas and opinions in a cohesive order which sustains the audience's interest
- SL3 communicate clearly and purposefully using fluent language
- SL4 use register appropriate to context
- SL5 listen and respond appropriately in conversation.



6. Fifth Page

Weighting of assessment objectives.

Weighting for assessment objectives

The approximate weightings allocated to each of the assessment objectives (AOs) are summarised below.

Assessment objectives as a percentage of the qualification

Assessment objective	Weighting in IGCSE %
AO1 Reading	50
AO2 Writing	50
AO3 Speaking and listening	Separately endorsed

Assessment objectives as a percentage of each component

Assessment objective	Weighting in components %		
	Paper 1	Paper 2 and Component 3	Component 4
AO1 Reading	80	20	0
AO2 Writing	20	80	0
AO3 Speaking and listening	0	0	100

7. Second Last Page

Subject command words and/or glossary of terms.

Command words

The table below includes command words used in the assessment for this syllabus. The use of the command word will relate to the subject context.

Command word	What it means
Describe	state the points of a topic / give characteristics and main features
Explain	set out purposes or reasons / make the relationships between things evident / provide why and/or how and support with relevant evidence
Give	produce an answer from a given source or recall/memory
Identify	name/select/recognise

7. Glossary of terms for Paper 2

This glossary of terms for **Paper 2: The Environment of Pakistan** should prove helpful to teachers and candidates as a guide, although it is not exhaustive and the descriptions of meanings have been kept brief. Candidates should appreciate that the meaning of a term must depend in part on its context. They should also note that the number of marks allocated for any part of a question is a guide to the depth of treatment required for the answer.

Annotate	Add labels or notes or short comments, usually to a diagram, map or photograph, to describe or explain.
Assess	Weigh up the factors for and against a proposal and come to a judgement.
Calculate	Work out a numerical answer.
Compare	Explain what is similar and different about two things. For a comparison, two elements or themes are required. (Two separate descriptions do not make a comparison)
Contrast	Explain the differences between two things.
Define	Explain the meaning of a term or phrase.
Describe	Write about what something is like or where it is. Describe may be used in questions about resources (on a figure, a table, etc.) in the question paper (e.g. describe the trend of a graph, the location of an industry on a map, etc.). It may also be used when you need to describe something from memory (e.g. describe a doab, etc.). Describe is often linked with other command words such as name and describe (name the feature and say what it is like), describe and explain (write about what it is like and give reasons for ...).
Describe the distribution	Write about the location of the required feature(s) as shown on the map(s) provided, by referring to: <ul style="list-style-type: none"> – their relationship to other features shown, e.g. the provinces and rivers – their density in particular areas.
Describe the pattern of	Write about the location of the required feature(s) as shown on the map(s) provided, by referring to particular arrangements such as nucleated, linear, parallel, even spacing, etc. and, where relevant, locating the patterns in relation to the provinces and rivers, or any other features shown on the map(s) provided.
Draw	Make a sketch showing the required features. Draw may be extended to draw a labelled diagram (draw a diagram with written notes to identify its features).
Explain/account for give reasons for	Show with reasons why something occurs or happens.
Evaluate	Consider the evidence for and against a proposal, and come to a judgement.
Give your views/comment on	Explain what you think about something.
How	Explain in what way/to what extent/by what means/methods something happens.
Identify	Pick out something from information given in text or on a map/diagram/etc.

8. Third Last Page

List of formulae (Mathematics)/test for aqueous solution and periodic table (chemistry)/symbols and units (Physics).

Symbols and units for physical quantities

Candidates should be able to give the symbols for the following physical quantities and, where indicated, state the units in which they are measured. The list for the Extended syllabus content includes both the Core and the Supplement.

Candidates should be familiar with the following multipliers: M mega, k kilo, c centi, m milli.

Core			Supplement		
Quantity	Usual symbol	Usual unit	Quantity	Usual symbol	Usual unit
length	l, h, \dots	km, m, cm, mm			
area	A	m^2, cm^2			
volume	V	m^3, cm^3			
weight	W	N			
mass	m, M	kg, g	mass	m, M	mg
time	t	h, min, s	time	t	ms
density	ρ	$g/cm^3, kg/m^3$			
speed	u, v	km/h, m/s, cm/s			
acceleration	a		acceleration	a	m/s^2
acceleration of free fall	g		acceleration of free fall	g	m/s^2
force	F	N			
gravitational field strength	g	N/kg			
			momentum	p	kg m/s
			impulse		N s
moment of a force		N m			
work done	W, E	J, kJ, MJ			
energy	E	J, kJ, MJ			
power	P	W, kW, MW			
pressure	p	N/m ²	pressure	p	Pa
atmospheric pressure		mm Hg			
temperature	θ, T	°C			
			thermal capacity (heat capacity)	C	J/°C
			specific heat capacity	c	J/(g °C), J/(kg °C)

List of formulae

1. ALGEBRA

Quadratic Equation

For the equation $ax^2 + bx + c = 0$,

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Binomial Theorem

$$(a + b)^n = a^n + \binom{n}{1}a^{n-1}b + \binom{n}{2}a^{n-2}b^2 + \dots + \binom{n}{r}a^{n-r}b^r + \dots + b^n$$

where n is a positive integer and $\binom{n}{r} = \frac{n!}{(n-r)!r!}$

Arithmetic series

$$u_n = a + (n-1)d$$

$$S_n = \frac{1}{2}n(a + l) = \frac{1}{2}n\{2a + (n-1)d\}$$

Geometric series

$$u_n = ar^{n-1}$$

$$S_n = \frac{a(1-r^n)}{1-r} \quad (r \neq 1)$$

$$S_\infty = \frac{a}{1-r} \quad (|r| < 1)$$

2. TRIGONOMETRY

Identities

$$\sin^2 A + \cos^2 A = 1$$

$$\sec^2 A = 1 + \tan^2 A$$

$$\operatorname{cosec}^2 A = 1 + \cot^2 A$$

Formulae for $\triangle ABC$

$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

$$a^2 = b^2 + c^2 - 2bc \cos A$$

$$\Delta = \frac{1}{2} bc \sin A$$

7. Last Page

Assessment record form.

TEST INDEX

S. #	Date	Topic	Max. Marks	Obtained Marks	T.S.	P.S.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						



5.1 Guidelines for Notebook Maintenance

- Notebook should be neatly covered.
- Name, class, and subject should be neatly and legibly written on top of the notebook.
- Index should be properly and neatly written in the given format (Sr. No./Date/Lesson or Topic/Remarks /Teachers sign) and should be regularly maintained.
- All the notebook essentials must be pasted in the notebook according to the given order.

Standard format for starting a new lesson should be ensured:

- Date and Day should be mentioned on the left-hand side.
- Lesson/Topic to be written on the first line.
- All the class assignments and notes should have proper headings and sub-headings.
- Notebooks must be checked by the teacher regularly.
- Corrections must be done as per teachers' feedback and comments.



GUIDELINES FOR CLASS & HOME ASSIGNMENTS

6.1 Class Assignments

Our learners must be prepared to:

- Be attentive and listen actively during the lesson.
- Have their stationery and notebooks ready.
- Select and stick to a method of note taking that works best for them.
- Rely on their own notes and ask questions to clear any ambiguities.
- Focus on the most important aspects of the material to avoid confusion.
- Take hand-written notes to focus on specific concepts.
- Use different methods to record information.
- Figure out which note taking system works for a specific subject or helps recall the information later.
- Label ideas and use key words.
- Specify relations between different points through indentations or arrows.
- Use graphical organizers for recording information to emphasize critical thinking and efficient understanding.
- Highlight important items with asterisks or draw circles or boxes around critical info.
- Use highlighters (of at least three colors) to highlight and separate information on the basis of importance or hierarchy.
- Use stick-ons /post-its to write extra but relevant information on and paste them in their notebooks and/or textbooks.
- Use indentation, underscoring and starring for indicating relative importance of items.
- Show uncertainty with a circled question mark.
- Leave plenty of white space for later additions. Skip lines. Leave space between main ideas.
- Omit descriptions and full explanations and keep notes short and to the point. Condense the material to be able to grasp it rapidly.
- Review notes periodically to get a complete picture of the ideas that were covered as this is the effective way to achieve lasting memory.

6.2 Home Assignments

Our learners must be prepared to:

- Always do their homework on time.
- Understand assignments clearly before leaving class, ask the teacher to clarify any ambiguity.
- Bring home materials to complete homework.
- Spend necessary time on homework each day.
- Submit their homework on time, neatly done.
- Make a list of difficulties faced and discuss with teacher.
- Find out what they have missed the day they return from an unplanned leave.
- Plan time properly for long-term assignments.
- Seek help from teachers, peers and parents if needed.

Note:

The duration of homework for IGCSE I & II, is 90 minutes per day and for IGCSE-III it is 2 hours per day.

**“WISHING OUR LEARNERS THE BEST
OF LUCK FOR A SUCCESSFUL
ACADEMIC YEAR!”**

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INSTRUCTIONS

- Class teacher should issue this booklet on first day of the new academic session.
- Class teacher should ensure to get back acknowledgment slip and keep it in his/her learner's record file.
- This first day pack is eligible for Session 2023 - 24.



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