

Madani

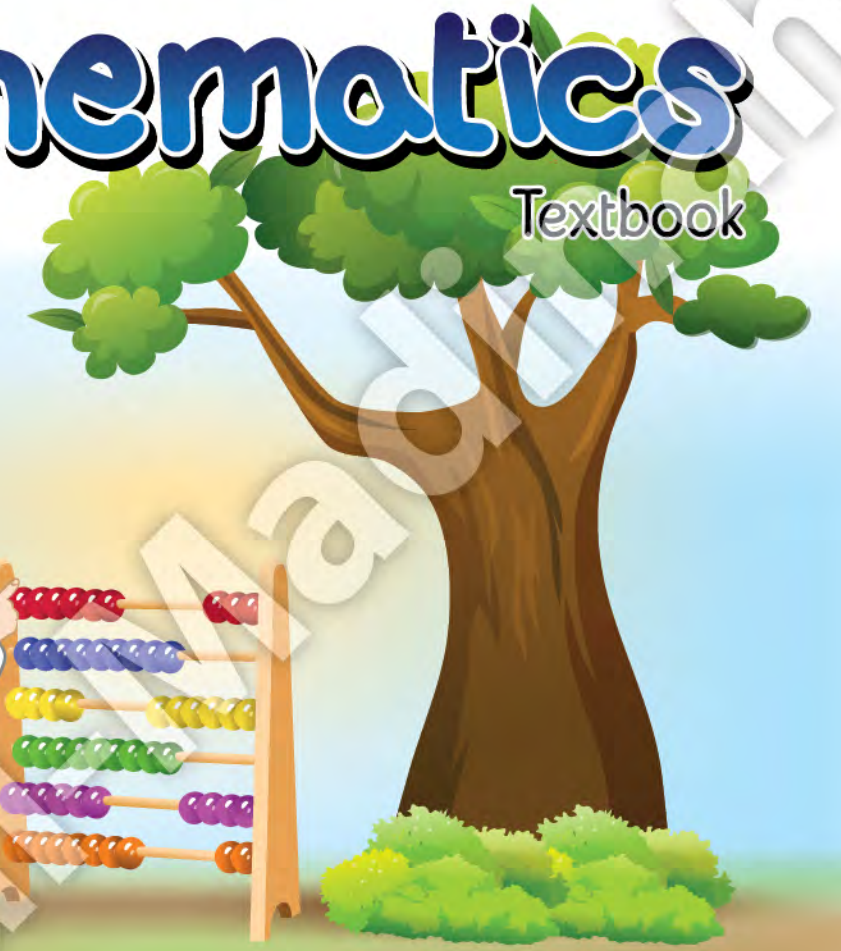
Dar-ul-Madinah

Mathematics

Textbook



Pre-Nursery



الْحَمْدُ لِلَّهِ رَبِّ الْعَالَمِينَ وَالصَّلَاةُ وَالسَّلَامُ عَلَى سَيِّدِنَا مُحَمَّدٍ وَأَتَى بَعْدُ فَأَعُوذُ بِاللَّهِ مِنَ الشَّيْطَانِ الرَّجِيمِ بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



Du'a for Reading the Book

Read the following Du'a (supplication) before you study a book, you will remember whatever you study. *إن شاء الله عز وجل.*

اللَّهُمَّ افْتَحْ عَلَيْنَا حِكْمَتَكَ وَانْشُرْ
عَلَيْنَا رَحْمَتَكَ يَا ذَا الْجَلَالِ وَالْإِكْرَامِ

Translation:

Ya Allah *عز وجل*! Open the doors of knowledge and wisdom for us, and have mercy on us! O the One Who is the most Honourable and Glorious!

Note: Recite Salat-'Alan-Nabi *صل الله تعالى عليه واله وسلم* once before and after the Du'a.



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Prepared and designed by

Dar-ul-Madinah Curriculum Department
Email: curriculum@darulmadinah.net

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Date: 13 March 2016

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Madani pearls for parents

1. Good training is of crucial importance in developing a child into a responsible individual of an Islamic society. Realising the responsibilities of ideal parents inculcate the devotion to Allah ﷻ and His Prophet ﷺ in children through recitation of the Holy Quran and Naat at home. Madani Channel is a useful source for this purpose.
2. Persuade your children to offer Salah since early age, with the intention of growing them habituated to it, and emphasise to offer Salah regularly as soon as they reach the age of seven.
3. Initiate delivering Dars from Faizan-e-Sunnat at home with the intention of learning and teaching the holy Sunnah of Beloved Prophet ﷺ.
4. To infuse the respect for parents, teachers and elders read them some accounts of pious predecessors from the publications of Maktaba-tul-Madinah.
5. To bring them up in accordance with Islamic teachings adopt good moral conduct, forbearance, gratitude, humility, and follow the teachings of Holy Quran and Sunnah, thus set a practical example for your children.
6. Instill into your children the avoidance of sins like lying, backbiting, slander, quarrel, swearing, unlawful use of eyes, etc.
7. Provide a balanced and healthy diet for the physical growth and health of your children. Feed them on a diet of milk, fruits, etc. with your Halal earnings.
8. Check homework diary of your child daily to become aware of his academic position. Attend parent-teacher / parent-management meetings regularly.
9. For the rectification of mistakes avoid beating your child, but rather make him understand with love and polite behaviour.
10. Always grant your child with prayers, e.g. blessings in knowledge and practice, long life, etc.

Preface

Madani Mathematics is an integrated curriculum which has been designed especially for pre-primary children in a way that they would actively learn the concepts and foundations of elementary mathematics. This book aims to develop the rational skills, conceptual clarity, confidence and ability to face the challenges.

Madani Mathematics does not contain a lot of text yet a number of exercises to make the concepts clear. For every new concept, TPL (three-period lesson) approach is followed i.e. introduction, identification and assessment. The state-of-the-art material is packaged with flashcards and workbook. This book introduces the pre-writing tracing, spatial skills, number concepts, object identification, shapes and Islamic morals to little students To help teachers with preparation for classroom delivery, discussion guidelines, aims, objectives and supplementary activities have been described briefly for each exercise page in this book.

This Mathematics package offers workbook and flashcards along with the book. Teachers are expected to manage the whole packaged stuff in a way that students could see the images and associate the words they are producing with the concepts or objects they study. It also really encourages them to learn new words. Mathematics flashcards offer knowledge about counting with their corresponding number of objects and some basic form of relevant information.

This humble effort has been accomplished by the grace of Allah ﷻ, the favour of His Noble Prophet Muhammad ﷺ and the spiritual support of our great Shaykh the founder of Dawat-e-Islami, 'Allamah Maulana Abu Bilal Muhammad Ilyas Attar Qadiri Razavi دامته برکاته العالیة . It is presented to the students and teachers with the realisation of our weaknesses and limitations. We expect this book to be welcomed by the audience concerned. Any suggestions or recommendations from teachers, educationalists and professionals to improve the substance will be gladly appreciated.

Curriculum Department
Dar-ul-Madinah

About this book



1 The main heading of the unit provides overall view of the unit.

2 The principal benefit of defining aims and objectives to the teachers is to provide the target to be achieved. These aims and objectives are more focused and indicate what students should be able to do.

3 Each page covers with a few guiding points for the teachers to deliver the lesson.



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Tracing lines

Top to bottom and bottom to top lines

- Aims & Objectives**
1. To learn how to hold pencil while tracing lines.
 2. To have visual perception skills, specifically vertical movement of eyes.

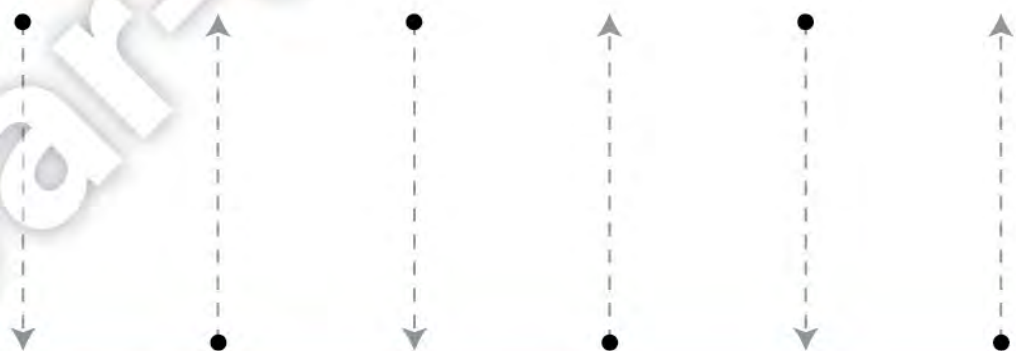
Trace vertical lines from top to bottom.



Trace vertical lines from bottom to top.



Trace vertical lines.



Guidelines for teachers:

1. Guide students to trace vertical lines without pausing pencils.
2. Ask them to try tracing the lines on their own. Encourage them to do better each time.

Slanted lines

- Aims & Objectives**
1. To learn how to hold pencil while tracing lines.
 2. To have visual perception skills, specifically slanted movement of eyes.

Trace slanted lines from top to bottom.



Trace slanted lines from the point mentioned in bold.



Guidelines for teachers:

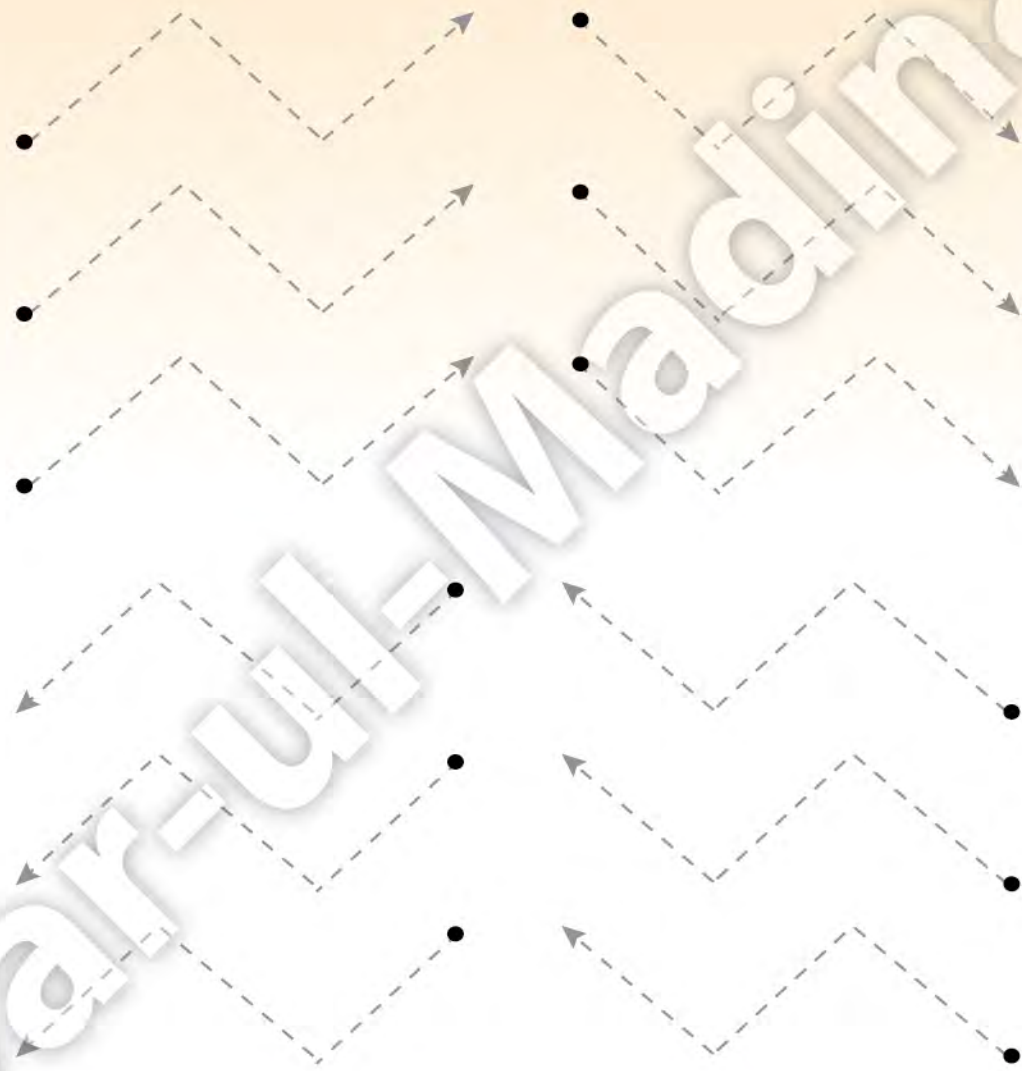
1. Guide students to trace slanted lines without pausing pencils.
2. Ask them to try tracing the lines on their own. Encourage them to do better each time.

Zigzag lines

Aims & Objectives

1. To learn how to hold pencil properly while tracing lines.
2. To improve visual perception skills.

Trace zigzag lines.



Guidelines for teachers:

1. Guide students to trace the zigzag lines without pausing pencils.
2. Ask them to try tracing the lines on their own. Encourage them to do better each time.

Horizontal lines

Aims & Objectives

2. To learn how to hold pencil properly while tracing lines.
3. To improve visual perception skills, specifically left and right movement of eyes.

Trace horizontal lines from right to left.



Trace horizontal lines from left to right.



Trace horizontal lines.



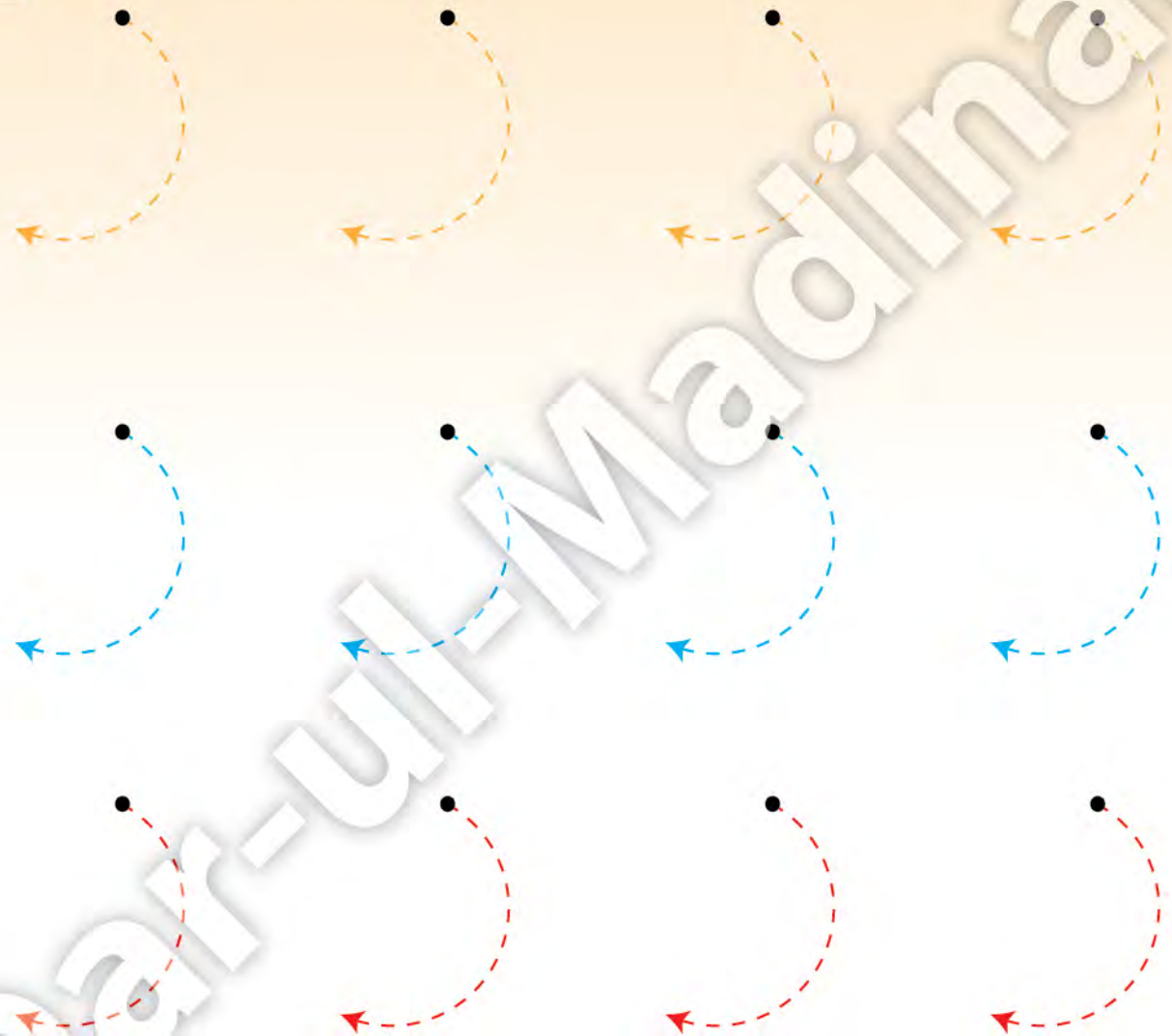
Guidelines for teachers:

1. Guide students to trace the horizontal lines without pausing pencils.
2. Ask them to try tracing the lines on their own. Encourage them to do better each time.

Curves

Aims & Objectives To learn tracing curves.

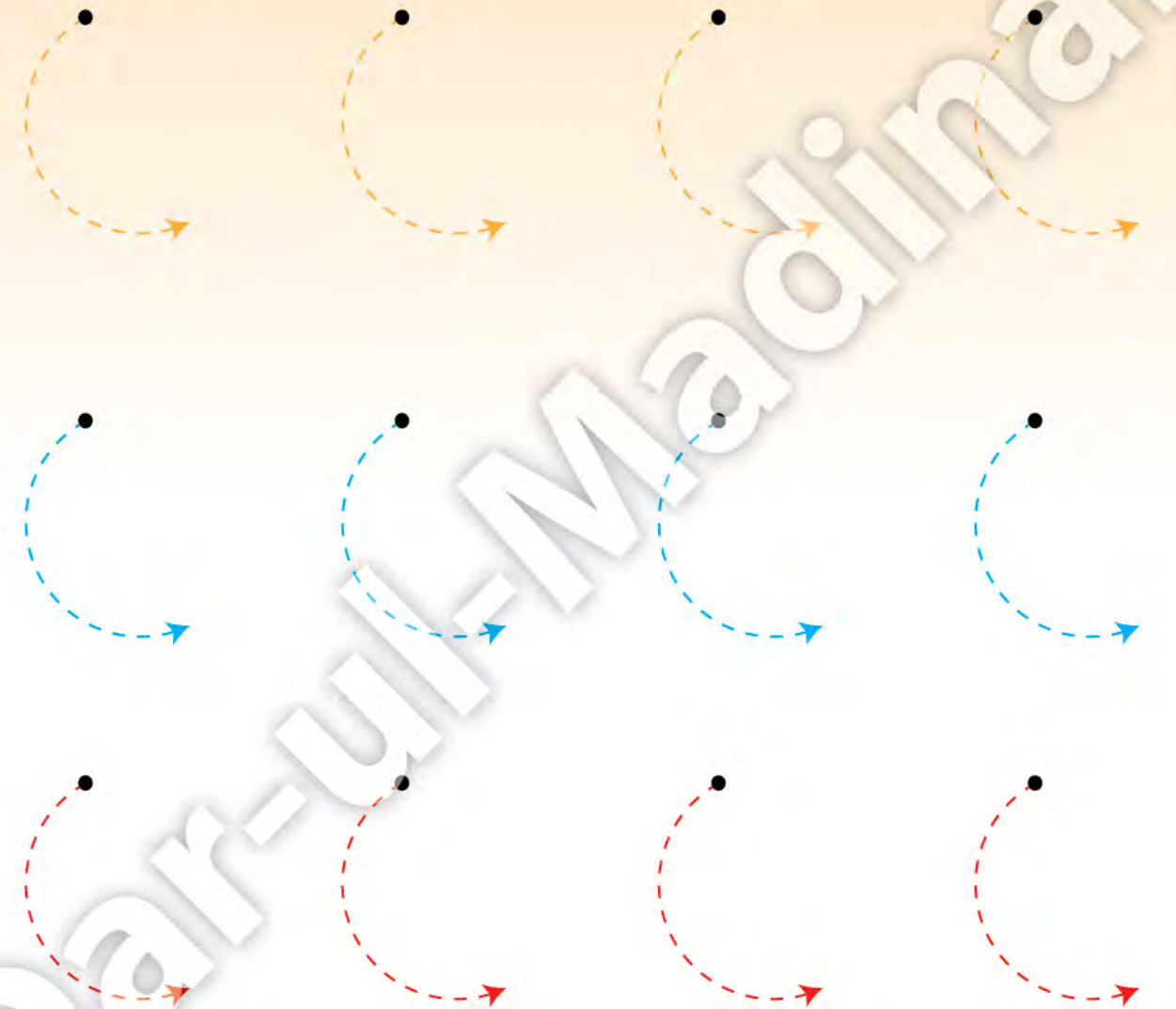
Trace the curves.

**Guidelines for teachers:**

1. Guide students to trace curves without pausing pencils.
2. Ask them to try tracing the lines on their own. Encourage them to do better each time.

Aims & Objectives To learn tracing curves.

Trace the curves.

**Guidelines for teachers:**

1. Guide students to trace curves without pausing pencils.
2. Ask them to try tracing the lines on their own. Encourage them to do better each time.

Aims & Objectives 1. To trace curves.

Trace the curves.



Guidelines for teachers:

1. Guide students to trace curves without pausing pencils.
2. Teach them that ants crawl on the ground and honeybees and butterflies fly in the air.

Tracing outline

Aims & Objectives To learn tracing outline.

Trace outline around the shape.

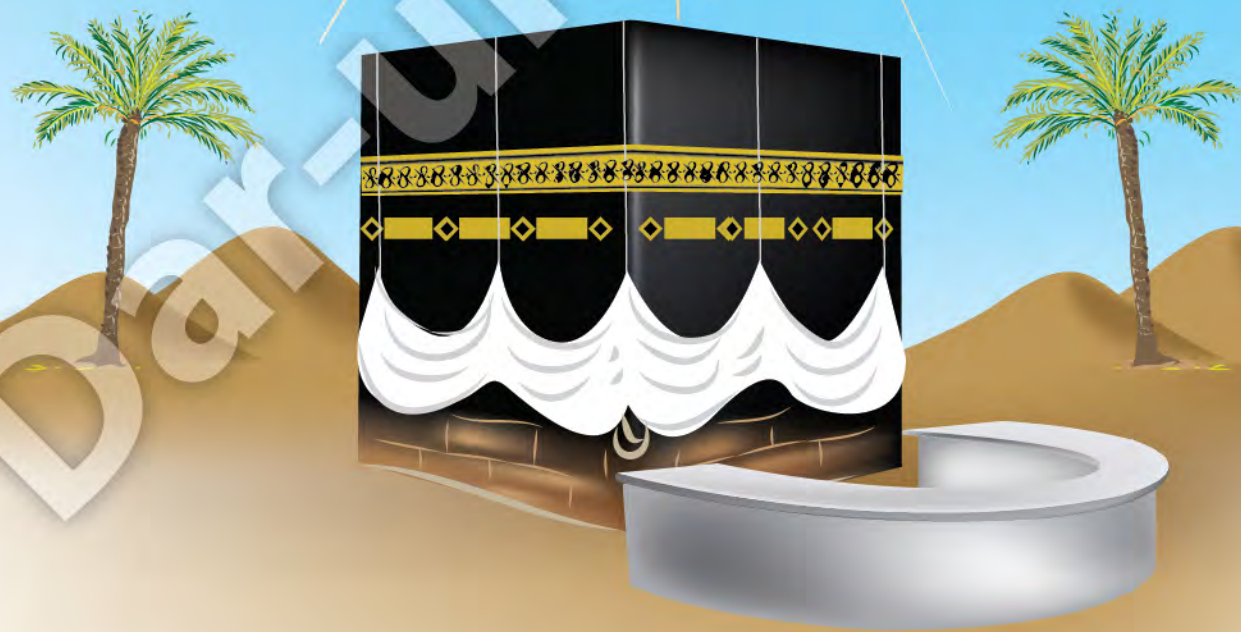


Guideline for teachers:

Guide students to trace outline without pausing pencils.

عَزَّوَجَلَّ
الله

الله عز وجل
Allah is One.



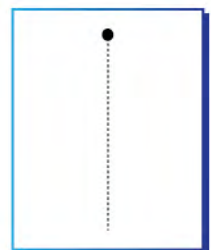
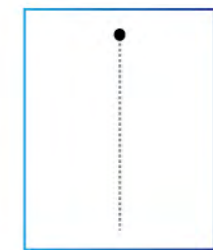
Tracing number 1

- Aims & Objectives
1. To learn the concept of counting objects.
 2. To learn proper tracing of number 1.

Count object and trace number 1.



one



Guidelines for teachers:

1. Make sure each student repeats after you while tracing.
2. Ask them to trace number 1 in the air as well.