

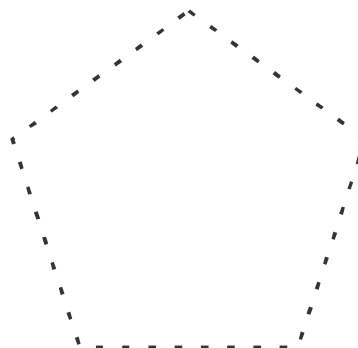
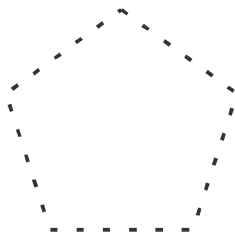
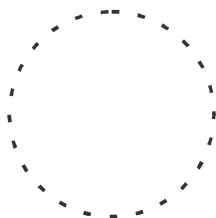
Mathematical Development		Week: 34	Topic: 2D Shapes	Day: 1	Class: Kindergarten	
Learning Outcomes	Activity Plan/Methodology			Time:40 minutes	Assessment of Learning	Resources
Upon the completion of this lesson, Students will be able to: Identify pentagon, heart diamond, semi-circle and star.	Recap: Teacher will be shown different things and ask the students draw a line to make it half. We Are Learning to: Identify pentagon, heart, diamond, semi-circle and star. What I am looking for: How well you identify pentagon, heart diamond, semi-circle and star. Gained skill: This will help us to improve our cognitive, social and visual skills. Introduction: Tell students we use various things in our day-to-day lives, such as water bottles, books, balls, etc. Each item has a distinct shape. In this universe, almost everything has a shape. Even liquid takes shape when kept in a container. There are many kinds of shapes in math's that students must learn from an early age. Tell students Shapes help us to identify and organize visual information. This concept also allows them to recognize numbers and letters by their shape and understand other signs and symbols. We already have discussed the primary shape names like circle, square, triangle, rectangle and oval that are used in everyday life. Today we will discuss the more 2D shapes like pentagon, heart, diamond, semi-circle and star. Display a variety of real-world objects that show different kinds of shapes. Name the shapes and have students repeat the shape names back to you. Point out real-world shapes in the classroom. Ask students to think about places they have seen these shapes (pentagon, heart diamond, semi-circle and star). https://youtu.be/WMhVQAg3AeM Focused task: Before class, prepare the shapes (pentagon, heart diamond, semi-circle and star.) from the shape craft sheet. Cut out the shapes from the sheet for yourself and also enough for each pair of students and laminate the shapes so you can reuse them. Spread the shapes (pentagon, heart diamond, semi-circle and star.) out on the floor and gather everyone around. Tell everyone to close their eyes. Take away one shape and say "Open your eyes". Everyone must guess which shape is missing. Students will tell the name of missing shape. Ask students to open book pgs. no 91 & 92. Talk about the pictures. Ask them tell the names of all shapes. Draw shapes on board. Ask students to tell their names. Tell students all shapes have corners and sides except circle and oval. Repeat the names of shapes again and again with pictures and concrete objects. Wrap up: Students will be shown different things and ask their shapes. Reflection :			5 mins	Students will be assessed on	Flashcards
				5 mins	Identifying pentagon, heart diamond, semi-circle and star.	
				25 mins		Laminated cutouts of shapes
				5 mins		Book pg. no 91 & 92

Mathematical Development		Week: 34	Topic: 2D Shapes (Pentagon)	Day: 2	Class: Kindergarten	
Learning Outcomes	Activity Plan/Methodology			Time: 40 minutes	Assessment of Learning	Resources
Upon the completion of this lesson, Students will be able to: Identify basic shape 'pentagon',	Recap: Students will be shown different things and asked their shapes. We Are Learning to: Identify basic shape 'pentagon'. What I am looking for: How well you identify basic shape 'pentagon'. Gained skill: This will help us to improve our fine motor, cognitive, social and visual skills. Introduction: Tell students about pentagon "A pentagon is a geometrical shape, which has five sides and five angles". Here, "Penta" means five and "gon" means angle. Pentagons are not very common shapes to see in your everyday life, but you may still spot them here and there. Here are some examples of where you can spot these 5-sided shapes in the world like starfish, okra. The word "pentagon" comes from the Greek word "pentagons", which means "five-angled". There are different types of pentagons. It's all angles are equal. All sides are of equal length. On a drawing sheet or board, make some big and small pentagons using a black marker. Give the drawing sheet to your students and ask them to colour inside each pentagon using different. This activity will help your students to understand the shape of a pentagon. Show the circle song. https://youtu.be/WhzayXP6jYM			5 mins	Students will be assessed on	Flashcards
				5 mins		
	Focused task: Draw the pentagon on board. Put students in small groups and give each group some pots of play-dough. Have some play-dough for yourself. Ask them everyone is going to make pentagon shape with play-dough. Start with a shape and model how to make it with the play-dough and have everyone make the shape. Circle around in the class and tell students about the corners of pentagon. Provide the worksheets to all students. Ask them there are different shapes on it. Ask them trace all the pentagons and then colour them. Roam around in the class and help students to trace the circles neatly. Help them to colour the pentagons.			25 mins	Play-dough	
	Wrap up: Show flashcard and ask shape name. Ask students to stand up and draw a big pentagon in the air. Reflection :			5 mins	Worksheets	
Homework: Do the book pg. no 90.						



Student Name: _____ Date: _____

Trace all the pentagons and colour them:



Mathematical Development		Week: 34	Topic: 2D Shapes (heart)	Day: 3	Class: Kindergarten	
Learning Outcomes	Activity Plan/Methodology			Time:40 minutes	Assessment of Learning	Resources
Upon the completion of this lesson, Students will be able to: Identify basic shape 'heart'	Recap: Show the flashcard of pentagon and ask the shape name. We Are Learning to: Identify basic shape 'heart' What I am looking for: How well you identify basic shape 'heart' Gained skill: This will help us to improve our fine motor, cognitive, social and visual skills. Introduction: Ask students today we are going to do a new shape. "Make a Heart" I put my hands together (Palms together). This is how I start. I curve my fingers right around (Curve hands into heart shape). And I can make a heart. Ask students a heart is a two-dimensional shape. Tell students a heart shape is a square put on its side, resembling a diamond. On the top, two semi-circles are placed, resulting in a shape that resembles a heart. "The heart is shaped like an upside-down pear." There are many things around us that are like heart (chocolates, chocolate boxes, cushions). Ask students around the room and found heart items and put them inside our floor. Teacher filled a box with some heart items (like the ones above) mixed in with some other random items. Teacher told the students to shout "HEART" if teacher pulled out a heart from the box. But if it wasn't a square, they had to shake their heads and say, "No, no, no. Not a heart. https://youtu.be/-zQ_bEnXMlk Focused task: Tell students today we will make a Turkey with heart shape. Cut a heart from the red, orange, yellow, and brown construction paper. Cut a triangle from the orange paper, two small circles from the black paper, and an S from the red paper. Glue the red, orange, and yellow hearts to the back of the brown heart to form a turkey. Glue the orange triangle, black circles, and red S to the brown heart to form a turkey face. Provide the worksheets to all students. Ask them look at the picture. Tell the name. Ask them trace the heart and colour it with red colour. Roam around in the class and help students to trace the heart. Help them to colour neatly. Wrap up: Show flashcard and ask shape name. Ask students draw a big heart in the air. Reflection:			5 mins	Students will be assessed on	Flash cards
				5 mins	Identifying basic shape 'heart'	Different coloured construction papers, glue
				25 mins		
				5 mins		Worksheet

Math (KG Part -2)

Week # 34

Day # 3

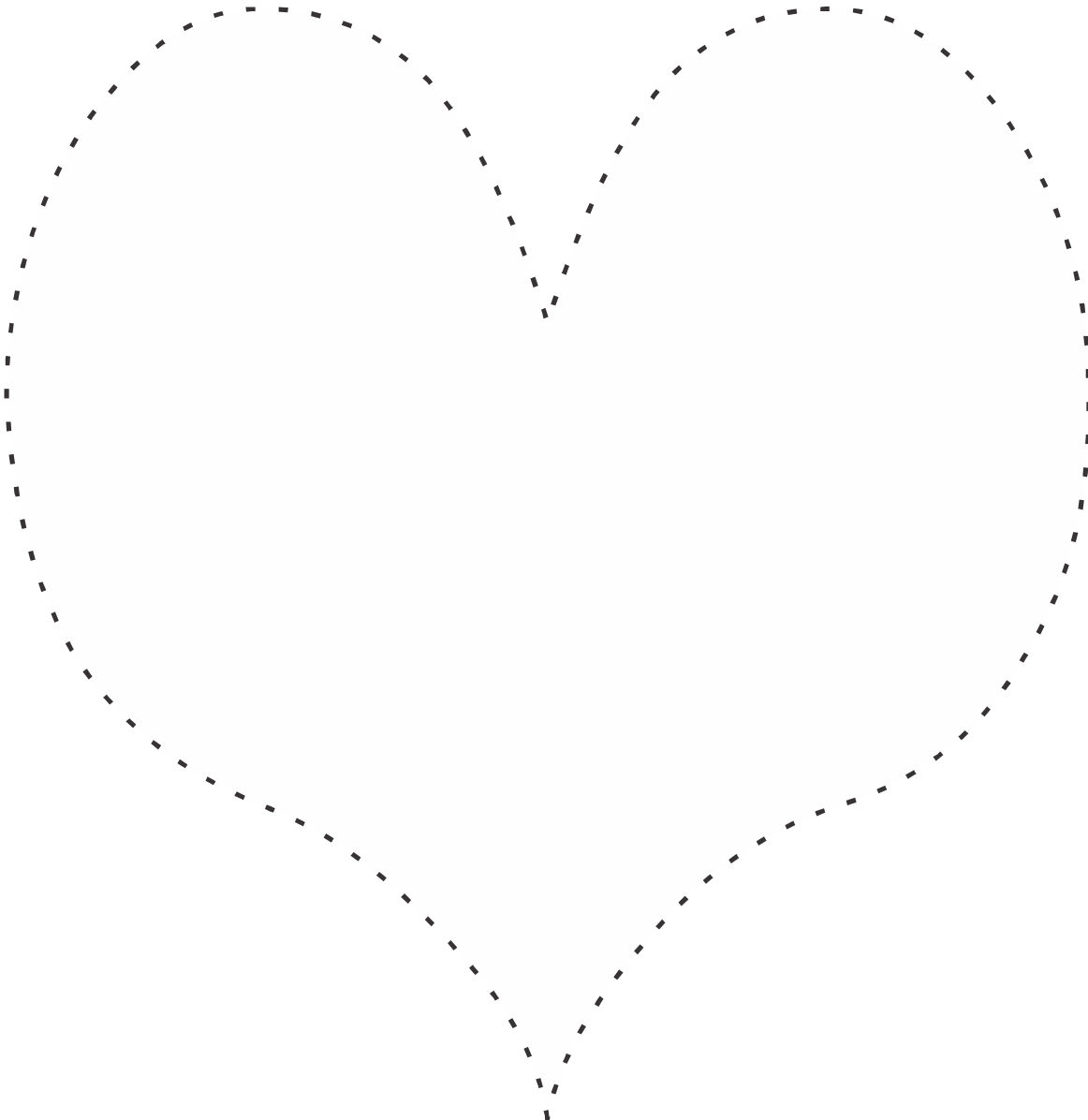
Topic: 2D shapes (heart)



scan QR code for
more worksheets

Student Name: _____ Date: _____

Trace a heart and colour it with red.

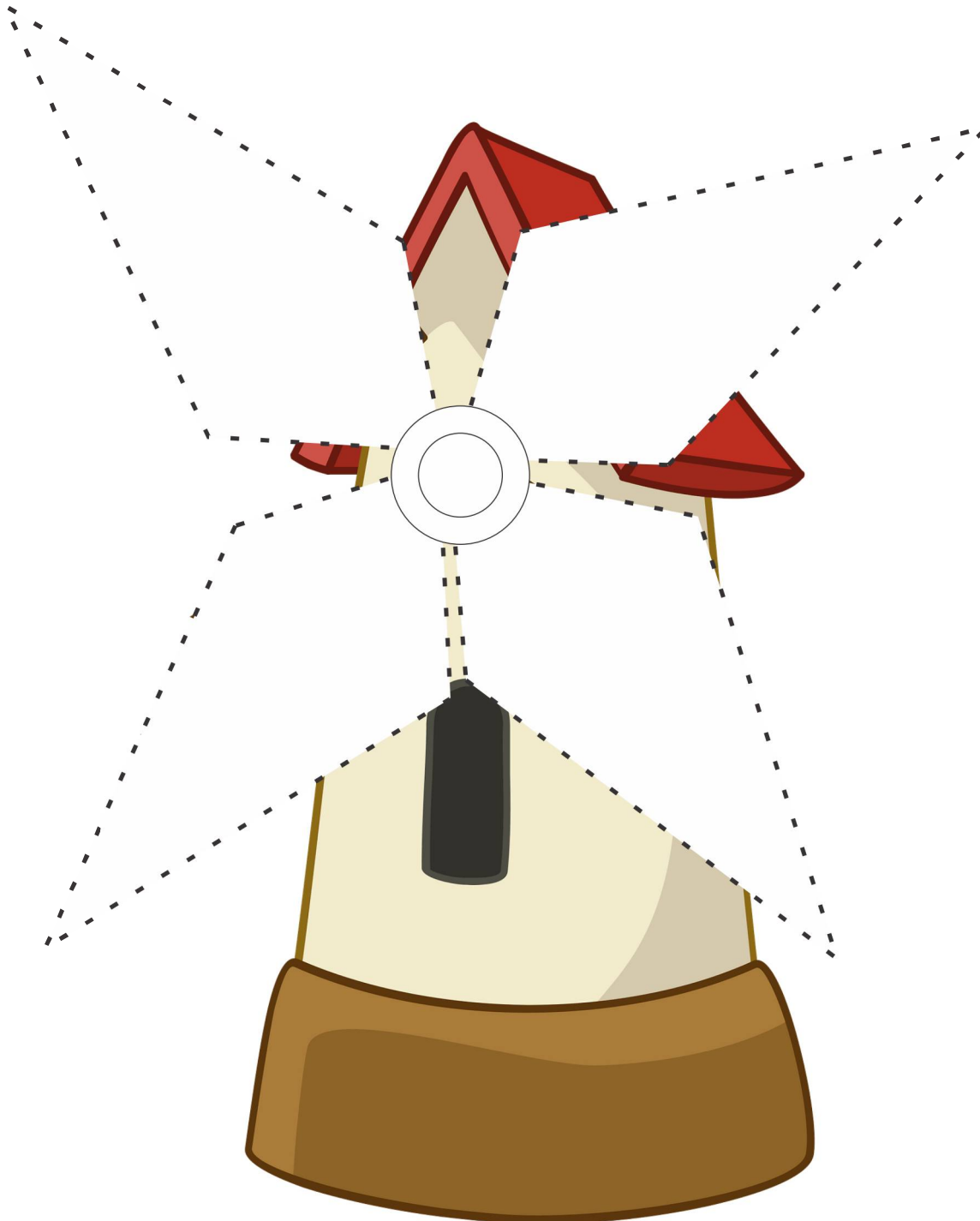


Mathematical Development		Week: 34	Topic: Shapes (diamond)	Day: 4	Class: Kindergarten	
Learning Outcomes	Activity Plan/Methodology		Time: 40 minutes	Assessment of Learning	Resources	
Upon the completion of this lesson, Students will be able to: Identify basic shape 'diamond'	Recap: Show the flashcard of square and ask the shape name. We Are Learning to: Identify basic shape 'diamond' What I am looking for: How well you identify basic shape 'diamond' Gained skill: This will help us to improve our fine motor, cognitive, social and visual skills. Introduction: Recite the nursery rhymes like "Twinkle twinkle little star... like a diamond in the sky" to joining the fingers of two hands to create a diamond shape with their hands. Ask students a diamond is a two-dimensional quadrilateral shape with four closed straight sides. A diamond too has four sides. The opposite sides in a diamond shape are parallel. Students will discover that shapes are everywhere. They will identify shapes like square, circle, triangle and diamonds by their unique characteristics and learn to distinguish them. When students learn all about diamond shape, they will learn how to create more complex patterns with shapes and colours. When students learn about shapes, they will relate objects of daily use to that shape, for instance, they will observe that a kite is diamond shaped. Tell students to repeat, diamond after you. Explain that today they will be learning about what makes a diamond the same as and different from other shapes. Ask students look at objects around the room and identify what looks similar to a diamond (photo frames, cushions, crowns, rings). https://youtu.be/S-Xaa55XsFs Focused task: Give your students some coloured popsicle sticks. Ask them to make two diamond shape at a time by pasting their ends together. Later you can ask them to decorate it with beads or stars or buttons and use it as a photo frame by pasting a photo between the two same shapes. Provide the worksheets to all students. Ask them there are different shapes on it. Ask them colour all the diamonds from the given shapes. Roam around in the class and help students to colour diamonds neatly. Wrap up: Show flashcard and ask shape name. Ask students draw a big diamond in the air. Reflection : Home work: Do the copy work make a big diamond shape on copy and colour it.		5 mins	Students will be assessed on	Flashcards	
			5 mins	Identifying basic shape 'diamond'		
			25 mins			Popsicle sticks, beads, buttons, stars
					Worksheet	
					Copy work	



Student Name: _____ Date: _____

Trace and colour the farm of windmill which are of diamond shape.





Student Name: _____ Date: _____

Trace all the Semi-circles and colour them.

