

Mathematical development		Title : 3D shapes	Day: 1	Class: Nursery	
Learning Outcomes	Activity Plan / Methodology	Time	Assessment of learning outcome/s (How)	Resources	
<p>By the end of this lesson, students will be able to</p> <p>Identify solid shape names and recognize in everyday objects</p>	<p>Recap: Reinforced 2D shapes through: https://youtu.be/OEbrDtCAFdU</p> <p>We are learning to: We are learning to identify the solid shapes by name cube, sphere, cone and cuboid.</p> <p>What I am looking for: How well you identify solid shapes through different activities</p> <p>Gained skill: It helps us to enhance our analytical skills.</p> <p>Introduction: Students will be shown 3d shape song https://youtu.be/zPZegz69OMg</p>	5mins	Students will be assessed on How well they	<p>Ppt /flashcard</p> <p>Identifying solid shapes</p> <p>Book page no 56</p>	
	<p>Explain the difference between 2-D and 3-D shapes (2-D shapes are flat so can only be drawn on paper, whereas 3-D shapes are solid so we can hold them) Explain that we can draw 3-D shapes on paper, but they won't look 3-D. Show some examples of solid 3-D shapes with their representations on paper. Show 3d shape flashcards one by one on ppt/flashcards and repeat their names again and again so students will be able to recognize shape and its name.</p>	10mins			
	<p>Focused task: Ask students to open book page no 56. Tell students that 3D shapes means a shape that is three dimensional and has depth. 3D shapes are fat but not flat. Ask them to put finger on first shape, its name is cube and its look like ice cube. Show them ice cube in real if possible or show flashcard. Discuss each shape one by one and relate it with real objects.</p> <p>Wrap up: Show flashcard and ask shape names one by one.</p> <p>Reflection:</p>	20 mins			
		5mins			

Mathematical development		Title: Shape (cube)	Day :2	Class: Nursery	
Learning Outcomes	Activity Plan / Methodology	Time 40 mins	Assessment of learning outcome/s (How)	Resources	
<p>By the end of this lesson, students will be able to</p> <p>Identify solid shape 'cube'</p>	<p>Recap: Show the flashcard of 3D shapes and ask the shapes name.</p> <p>We are learning to: We are learning to identify the solid shape 'cube'.</p> <p>What I am looking for : How well you identify the 'cube' shape through different activities.</p> <p>Gained skill: It helps us to enhance our analytical skills.</p> <p>Introduction: Tell the difference of 2d and 3d shape with a ball in your hand and a circle drawn on board. Show the flashcard of 'cube' and ask which shape this is? Tell them this is cube. Read the name out loud, and ask the students to repeat the name after you. Allow the students to take their time with the pronunciation. Introduce solid shape Cube by showing real objects dice, paper box, wooden block etc Students will be shown shape song https://youtu.be/kFDeYS2lZ88</p> <p>Guided practice: Ask students to identify objects in the classroom that are cube. For example, students may identify a block or rubric. You can also show pictures on ppt of other things which is cube: a dice' gift box. Ask students to hold rubric/block in their hands one by one and observe the cube shape.</p> <p>Focused task:</p>	<p>5mins</p> <p>10 mins</p> <p>20 mins</p>	<p>Students will be assessed on</p> <p>Identifying solid shape 'cube'</p>	<p>Flashcards/ ppt</p> <p>Rubric, block ppt</p>	

	<p>Ask students to open book page no 57. Ask them to tell the names of given pictures. Ask them to put their finger on orange. Does it cube shaped object? Tell students all cube shaped objects look like square. Ask students to find and circle only cube shaped objects.</p> <p>Wrap up: Show flashcard and ask shape name. show different cube shaped objects through ppt/flashcard</p> <p>Reflection:</p>	5mins		book page no. 57
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Mathematical development		Title: shape(sphere)	Day : 3	Class: Nursery	
Learning Outcomes	Activity Plan / Methodology	Time 4-0 mins	Assessment of learning outcome/s (How)	Resources	
<p>By the end of this lesson, students will be able to</p> <p>Identify solid shape 'sphere'</p>	<p>Recap: Show the flashcard of cube and ask the shape name.</p> <p>We are learning to: We are learning to identify the solid shape "sphere".</p> <p>What I am looking for: How well you identify sphere shape through different activities.</p> <p>Gained skill: It helps us to enhance our analytical skills.</p> <p>Introduction: Call students on rug and allow them to sit. Revise flat shape circle by flashcard. Show them the flashcard and ask the shape name. Tell them this is sphere. Tell them to repeat after you, "sphere."</p> <p>Students will be shown shape song https://youtu.be/QWZ6ZMuZr3U</p> <p>Show sphere shaped objects like bouncy ball, orange, cookie real objects/ppt.</p> <p>Guided Practice: Hide cube and sphere shaped objects in class. Ask student to hunt for a shape. The first shape he/she will find, bring it in front of class and tell its name. Sphere shaped objects can be ball, tomato, marbles, peas, sharpeners etc.</p> <p>Focused task: Ask students to open book page no 58. Ask them to tell the names of given pictures. Ask them to put their finger on gift box. Does it sphere shaped object? Tell students all sphere shaped objects look like circle. Ask students to find and circle only sphere shaped objects.</p> <p>Wrap up: Show flashcard and ask shape name.</p> <p>Reflection:</p> <p>Homework: Colour cube shaped object pink and sphere shaped object red.</p>	<p>5mins</p> <p>10mins</p> <p>20mins</p> <p>5mins</p>	<p>Students will be assessed on Identifying solid shape 'sphere'</p>	<p>Ppt / flashcard</p> <p>cube and sphere shaped objects</p> <p>book page no 58</p> <p>Worksheet</p>	

Mathematical development		Title: shapes (cone)	Day : 4	Class: Nursery	
Learning Outcomes	Activity Plan / Methodology	Time	Assessment of learning outcome/s (How)	Resources	
<p>By the end of this lesson, students will be able to</p> <p>Identify solid shape 'cone'</p>	<p>Recap: Show the flashcards of cube, sphere and ask the shapes name.</p> <p>We are learning to: We are learning to identify solid shape "cone".</p> <p>What I am looking for: How well you identify solid shape cone through different activities.</p> <p>Gained skill: It helps us to enhance analytical skills.</p> <p>Introduction: Show the flashcard of 'cone' and ask which shape this is? Tell them this is cone. Read the name out loud, and ask the students to repeat the name after you. Allow the students to take their time with the pronunciation.</p> <p>show objects in cone shaped objects like traffic cones, ice-cream, birthday hat</p> <p>Guided Practice: Divide class in group of 3/4. Provide them flashcards and 3 empty baskets named with cube, sphere, and cone. Ask students to sort shapes according to their objects.</p> <p>Focused task: Ask students to open book page no 59. Ask them to tell the names of given pictures. Ask them to put their finger on match box. Does it cone shaped object? Tell students all cone shaped objects look like triangle. Ask students to find and colour only cone shaped objects.</p> <p>Wrap up: Show flashcard and ask shape name.</p> <p>Reflection:</p>	<p>40 mins</p> <p>5mins</p> <p>10 mins</p> <p>20 mins</p> <p>5mins</p>	<p>Students will be assessed on . Identifying solid shape 'cone'</p>	<p>Ppt</p> <p>Concrete objects</p> <p>objects flashcards baskets</p> <p>book page no.59</p>	

Mathematical development		Title: shape(cuboid)	Day : 5	Class: Nursery	
Learning Outcomes	Activity Plan / Methodology	Time	Assessment of learning outcome/s (How)	Resources	
<p>By the end of this lesson, students will be able to</p> <p>Identify solid shape cuboid</p>	<p>Recap: Show the flashcards of all shapes and ask their names.</p> <p>We are learning to: We are learning to identify solid shape "cuboid".</p> <p>What I am looking for: How well you identify solid shape cuboid through different activities.</p> <p>Gained skill: It helps us to enhance our analytical skills.</p> <p>Introduction: Call students on rug and allow them to sit. Revise flat shape rectangle by flashcard Show them the flashcard and ask the shape name. Tell them this is cuboid. Tell them to repeat after you, "cuboid. Students will be shown 3d shape song https://youtu.be/zPZegz69OMg</p> <p>Show different cuboid shaped objects e.g. tissue box, book, match box, brick (if possible) and cuboid shaped blocks through real objects/ppt/flashcards</p> <p>Guided Practice: Spread the shapes out on the floor and gather everyone around. Tell students to close their eyes. Take away one shape and say "Open your eyes". Everyone must guess which shape is missing.</p> <p>Focused task: Ask students to open book page no 60. Ask them to tell the names of given pictures. Ask them to put their finger on birthday hat. Does it cuboid shaped object? Tell students all cuboid shaped objects look like rectangle. Ask students to find and colour only cuboid shaped objects.</p> <p>Wrap up: Students will be asked to tell all 3D shape names</p> <p>Reflection:</p> <p>Homework: Do matching worksheet of shapes.</p>	3mins	Students will be assessed on Identifying solid shape cuboid	Ppt	
	5mins	Flashcards Concrete objects			
	30 mins	Book page no 60			
	2mins	Worksheet			