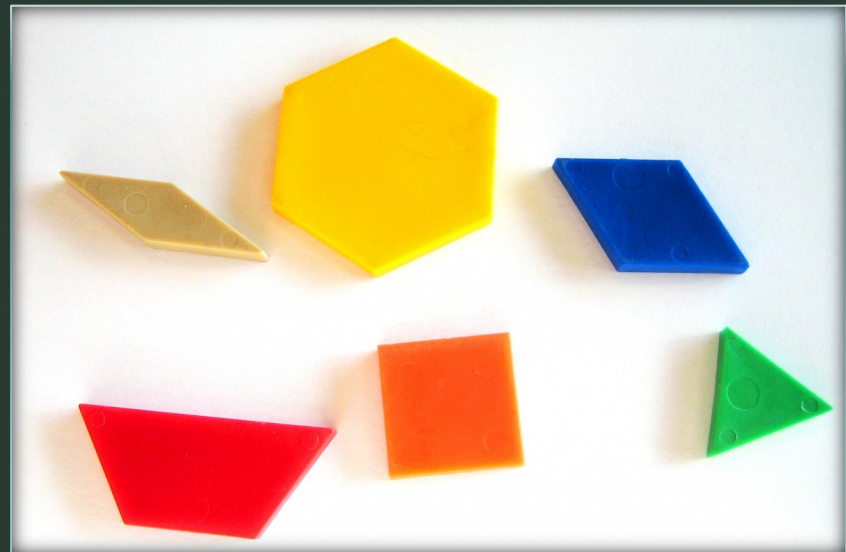
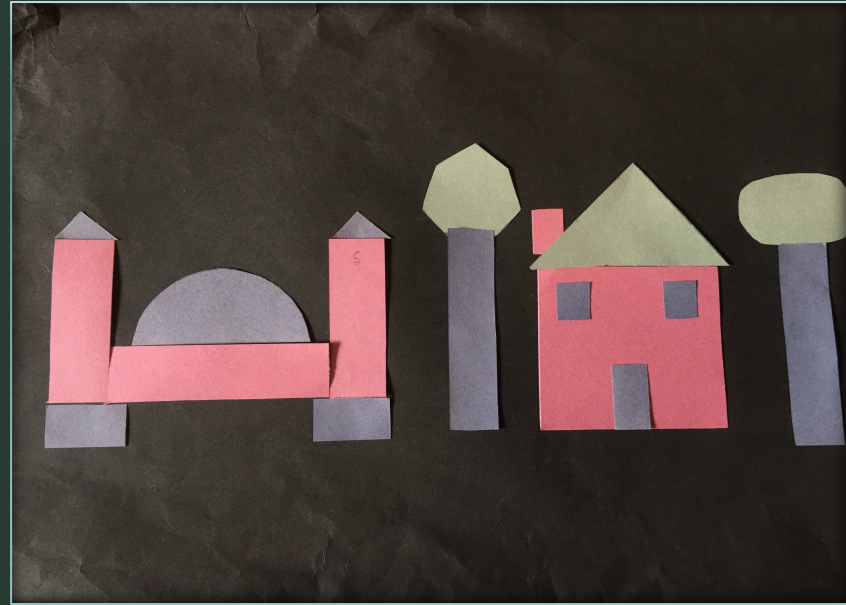


Reception Math's Home Learning Activities

Week 7: 22.02.21-26.02.21



Asalamu'Alaikum parents, I hope you are all well and had an amazing half term break with your family and are all ready to engage in more fun and engaging home learning activities with your child for a little while longer until we are all back in school!

This week, your child will be introduced to 3D shapes, which we have covered in the Autumn term so your child may or may not be able to recall the shapes we have learn't but do not worry. We will first start of by recalling the 2D shapes your child knows, then the next slides we will focus on learning more about 3D shapes.

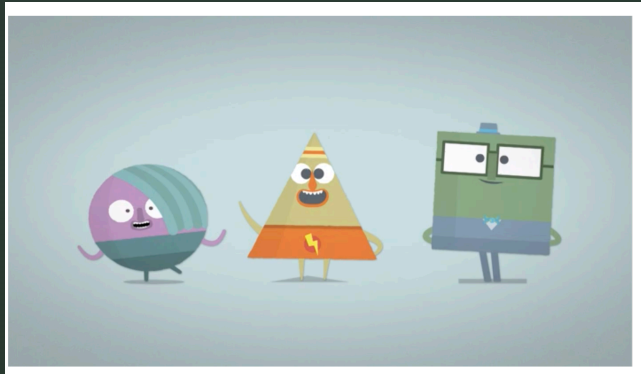
Monday 22nd February 2021

Can your child remember what 2D shapes are? Why are they called 2D shapes?
2D shapes are 2 dimensional shapes which are flat and have only 2 faces.

Task: Get your child to draw and write as many 2D shapes that they can think of?

Challenge: Can your child now write the properties of each of the shapes they have drawn e.g., how many sides/corners/faces does the 2D shape have?

Watch the following videos with your child:



<https://www.bbc.co.uk/bitesize/topics/zjv39j6/articles/ztpwdmn>



<https://www.youtube.com/watch?v=mitk0Puvj2U>

Tuesday 23rd February 2021



Let's learn more about 3D shapes:

<https://www.youtube.com/watch?v=iNYCCU+4mNE>

Can you child name the following 3D shapes?

3D Shapes

cone

cube

cuboid

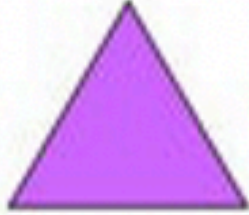
cylinder

pyramid

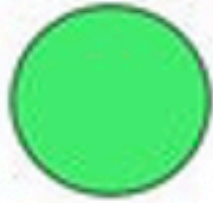
sphere

twinkl visit [twinkl.com](https://www.twinkl.com)

2D Shapes - flat



triangle



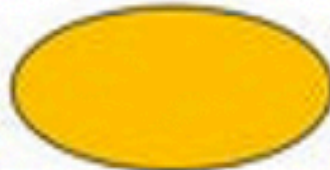
circle



square



rectangle



oval



hexagon

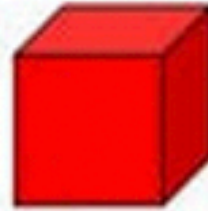


rhombus

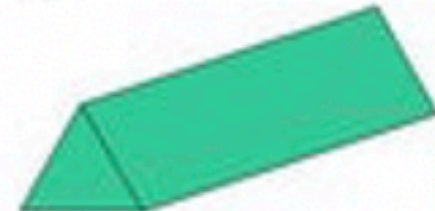


pentagon

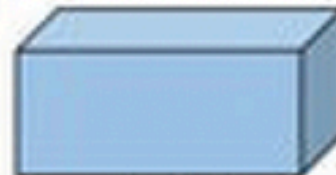
3D Shapes - solid



cube



triangular prism



cuboid



square based
pyramid



cone



cylinder



sphere


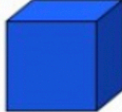
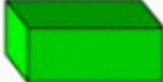

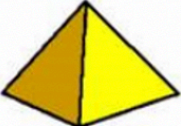

Wednesday 24th February 2021

Your task today is to go on a 3D shape hunt. Can you find anything in your house that is a 3D shape? Write the name of each 3D shape and draw a picture of what you have found in your home.

LO: I can identify and name 3D shapes in the environment.

3D Shape Hunt

Name these 3D shapes and see if you can find any of these shapes in your house. Take a picture of the shapes you find.

| 3D Shape | Name | Picture |
|---|------|---------|
|  | | |
|  | | |
|  | | |
|  | | |
|  | | |
|  | | |

Thursday 25th February 2021

Let's play some 3D games:

<https://www.education.com/games/3d-shapes/>

A screenshot of the Education.com website showing a collection of 3D shapes games. The page is titled "3D Shapes" and has a "Sort by" dropdown menu set to "Popularity". There are seven game cards visible:

- 2D and 3D Shape Sort: Factory**: A game where shapes are sorted into boxes labeled "2D" and "3D".
- Dino Crunch: 3D Shapes**: A game where a dinosaur eats 3D shapes.
- 3D Shapes Ice Cream Attack**: A game where a character attacks ice cream cones shaped like 3D objects.
- Dino Crunch: Attributes of 2D and 3D Shapes**: A game where a dinosaur eats shapes based on their attributes.
- Ski Racer: 3D Shapes**: A game where a character races on a slope using 3D shapes.
- 2D and 3D Shape Match**: A matching game between 2D and 3D shapes.
- 2D and 3D Shape Sort: Car**: A game where shapes are sorted into a car's trunk.

A screenshot of a free EYFS 3D Shapes IWB activity. The title is "Free EYFS 3D Shapes IWB Activity". The main text says "This is a cube." followed by a red 3D cube icon. Below the text are two radio buttons: "True" and "False". A blue "Check" button is at the bottom. The background is pink with various math icons like a star, gear, plus, minus, multiplication, division, and a clock. The logo "CLASSROOM Secrets" and "©Classroom Secrets Ltd 2020" are in the bottom right corner. A progress bar at the bottom shows "1 / 9".

<https://classroomsecrets.co.uk/free-eyfs-3d-shapes-iwb-activity/>

Friday 26th February 2021



Here are some ways to learn about 3D objects -



1. Place different 3D objects into a bag or sensory tub and have your child describe them by feeling them and guessing what shape they can feel. Encourage the use of correct terms like face, edge, vertices, curved and flat surfaces

or

2. Use the same mats and playdough + toothpicks or plasticine or frozen peas or small pieces of pipe cleaners and straws to allow them to build 3D shapes.

