

Hollydale School

Maths Week 30/01/23 – 03/02/23

Jellybeans in a Jar competition to be introduced to the class by each teacher. Children will pay 50p to estimate the amount of sweets in the jar, teacher to record estimates. At the end of the week, count the sweets and announce the winner who will keep the sweets.



Learning All About Shape and Space Day - Monday 30.01.23

EYFS

Barrier Games - Using everyday language to compare objects and to solve problems

<https://nrich.maths.org/14037>

Shapes in the Bag - Sorting and describing using mathematical properties such as size and shape.

Understanding the characteristics of 2D and 3D shapes

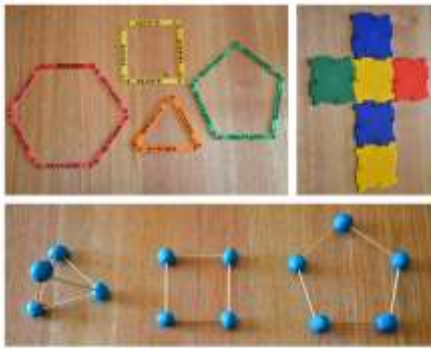
<https://nrich.maths.org/10387>

Exploring 2D Shapes - Describing and comparing 2D shapes. Understanding the characteristics of 2D shapes

<https://nrich.maths.org/8852>

Other ideas

Feed a shape monster



KS1

Go on a shape hunt

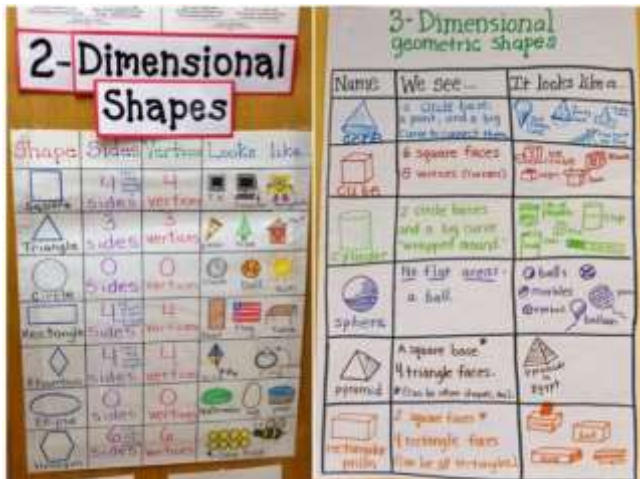
Hop along a shape maze

Ask "what does the shape say?"



KS2

Creating Posters



https://www.teachprimary.com/learning_resources/view/ks1-ks2-maths-shape-and-space

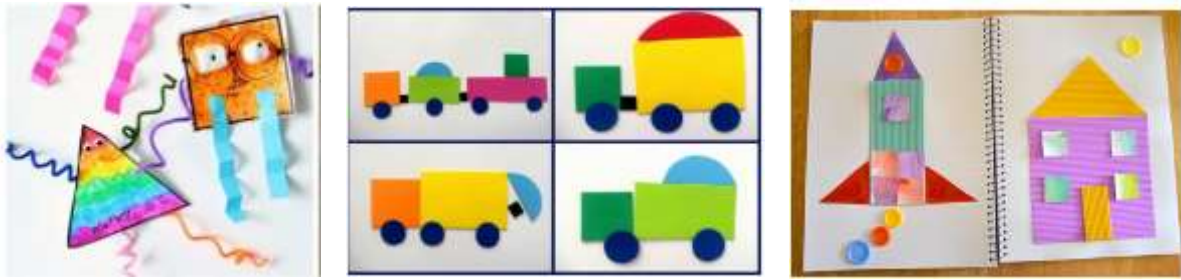
Shape and Space Art Day - Tuesday 31.01.23

EYFS See websites here below.

<http://nrich.maths.org/content/id/8862/MakingAPicture.pdf>

<http://nrich.maths.org/content/id/13250/Pattern%20Making.pdf>

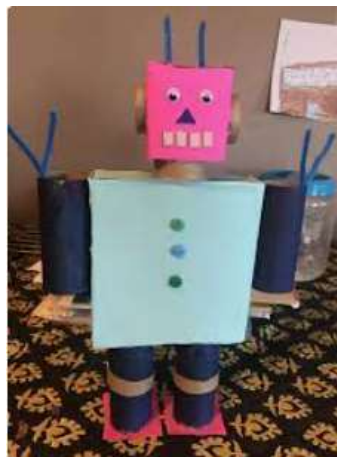
Shape pictures with different materials. Label pictures with names of shapes.



Shapes on geoboards

KS1

Build an imaginary town or a robot using shapes from recycled material. Label the structure with the name of 2D and 3D shapes.





KS2 Maths Art – explore the Maths in Art

There are many geometrical links between mathematics and art. During your Maths Art Day you can choose to explore a certain artist or style of painting with the students creating their own art or posters.

Random Art – use a dice to determine colours used - Year 3

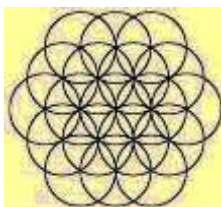


Escher Tessellated Fish – Years 4 and 5



www.tessellations.org/eschergallery10.htm

Galileo wrote that, “The Universe is written in the language of mathematics, and its characters are triangles, circles, and other geometric figures” - **Year 6**



<http://www.maths2art.co.uk/>

‘Teach me how’ DAY - Wednesday 01.02.23

Y4, Y5, Y6 classes to plan an activity for younger children, with a shape and space focus. This can be a puzzle, game or investigation. Session will be carried out on Thursday 02.02.23 in the top hall.

- **Y4** Birch class to lead **Y1/Y2** Oak class
- **Y5** Hazel class to lead **Y2** Elm class
- **Y6** Willow class to lead **Y3** Cedar class
-

YR, Y1/Y2, Y2 and Y3 classes to complete their art and design projects from yesterday.

Times tables Challenge

Each class to put forward Times tables Champions.

FLM to test champions for each class. Children will be given 20 questions to complete – children will be tested on speed as well as accuracy. Certificates will be given to all champions and small prizes to one winner per class.

- **11:00 – 11:15** **Y5** all 12 x12 tables
- **11:20 – 11:35** **Y6** all 12 x12 tables
- **13:30 – 13:45** **Y1** counting in 2s, 5s and 10s
- **13:50 – 14:05** **Y2** x2, x5, x10
- **14:10 – 14:25** **Y3** x2, x3, x4, x5, x8, x10
- **14:30 – 14:45** **Y4** all 12 x12 tables

Day - Thursday 02.02.23

Older pupils to set up and carry out Maths activities for younger pupils. **Top Hall:**

- **9.30 – 10.30** **Y4** to lead **Y1**
- **11:00 – 12:00** **Y5** to lead **Y2**
- **13:30 - 14:30** **Y6** to lead **Y3**

Number Day and exhibition - Friday 03.02.23

All pupils and staff dress up for Number Day. Please send Dojos to remind parents the day before.

Assembly on Number Day and NSPCC will take place at the same time.

Please take today to prepare for Maths Week exhibition, as high quality work on Shape and Space will remain displayed around the school.

END OF WEEK EXHIBITION

All classes will have the opportunity to showcase their work by setting up displays in the hall.

This will take place on Friday 03.02.23 at 3.30pm in the top hall.

Please ensure that you take photographs and videos during the week.

OTHER USEFUL WEBSITES

These websites have various maths resources for primary school ages that you should find useful.

[Nrich maths](#)

This website provides rich problem-solving activities for both primary and secondary students and teachers

[Manga High](#)

Mangahigh's math games are designed with math at the core!

[Maths is fun](#)

A U.K. based website which covers basic maths skills with some simple and more complex stuff.

[Math Sphere](#)

This British website features a great set of maths puzzles for upper primary children, which are ideal for printing out in colour and laminating, making a long lasting resource.

[Cool Math for Kids](#)

A U.S. website designed for primary school children, which is full of puzzles and lessons which make maths fun.

[Project Happy Child](#)

This website provides many different free maths worksheets and educational resources for all school levels.

[BBC school resources](#)

A BBC website dedicated to numeracy and maths skills, with activities for different age groups and abilities.

[Mathwire games](#)

This website features games from the many different strands of maths.

[SuperKids math worksheet creator](#)

This website allows teachers and parents to make maths worksheets for a wide range of mathematical problems.

[Math Pickle](#)

This american website has lots of puzzles that focus on problem solving. They are great to use in class!

[Dr Maths](#)