

## Year 2 Maths w/c 4<sup>th</sup> January 2021

**Note to parents and carers:** This week we are learning about 2D and 3D shape.

### **Key Vocabulary:**

#### **2D shape**

sides

corners

#### **3D shape**

faces

edges

vertices

nets

For the main lessons this week we are going to use the bbc bitesize resource as an introduction and the Oaks Academy lessons as the main activity each day. Both Mrs Brown's Year 2 Maths class and Mrs Galloway's Maths group will complete both the introduction and the main activity. This sequence of lessons investigates 2D and 3D shapes and their properties.

The extension activities set this week are for Mrs Brown's Maths group and they are reasoning challenges involving 2D and 3D shapes. Please discuss each challenge with your child before they start as they may need some help reading the questions and then deciding what to do. It is important that your child explains their answer where this is asked for.

Thank you and good luck.

Mrs Brown

| Sessions | Learning objective                        | Task   | Extension activities for Mrs Brown's Maths class   |
|----------|---|--|--|
| 1        | To recognise, name and describe 3D shapes | <p>Please watch the video on bbc bitesize and work through the activities by clicking on the link</p> <p><a href="https://www.bbc.co.uk/bitesize/topics/zjv39j6/articles/zcsjqty">https://www.bbc.co.uk/bitesize/topics/zjv39j6/articles/zcsjqty</a></p> <p>Then work through the Oaks Academy lesson to recognise, name and describe 3D shapes by clicking on the link</p> <p><a href="https://classroom.thenational.academy/lessons/to-recognise-name-and-describe-3d-shapes-cnjkcd">https://classroom.thenational.academy/lessons/to-recognise-name-and-describe-3d-shapes-cnjkcd</a></p> | <p>Reasoning About Shape</p> <p>Questions 1-4</p>  |
| 2        | To describe and classify 3D shapes        | <p>Please watch the video on bbc bitesize and work through the activities by clicking on the link</p> <p><a href="https://www.bbc.co.uk/bitesize/topics/zjv39j6/articles/zgqpk2p">https://www.bbc.co.uk/bitesize/topics/zjv39j6/articles/zgqpk2p</a></p> <p>Then work through the Oaks Academy lesson to describe and classify 3D shapes by clicking on the link</p> <p><a href="https://classroom.thenational.academy/lessons/to-describe-and-classify-3d-shapes-70u3cc">https://classroom.thenational.academy/lessons/to-describe-and-classify-3d-shapes-70u3cc</a></p>                    | <p>Reasoning About Shape</p> <p>Questions 5-8</p>  |
| 3        | To identify 2D shapes                     | <p>Please watch the video on bbc bitesize and work through the activities by clicking on the link</p> <p><a href="https://www.bbc.co.uk/bitesize/topics/zjv39j6/articles/ztpwdmn">https://www.bbc.co.uk/bitesize/topics/zjv39j6/articles/ztpwdmn</a></p> <p>Then work through the Oaks Academy lesson to identify 2D shapes by clicking on the link</p>  | <p>Reasoning About Shape</p> <p>Questions 9-12</p> |

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|---|-------------------------------------|--|---|
|   |                                     | <a href="https://classroom.thenational.academy/lessons/to-identify-2d-shapes-c9gkjd">https://classroom.thenational.academy/lessons/to-identify-2d-shapes-c9gkjd</a>  |   |
| 4 | To describe and classify 2D shapes  | <p>Please watch the class clips 1-10 on bbc bitesize on the link</p> <p><a href="https://www.bbc.co.uk/bitesize/topics/zjv39j6/resources/1">https://www.bbc.co.uk/bitesize/topics/zjv39j6/resources/1</a></p> <p>Then work through the Oaks Academy lesson to describe and classify 2D shapes by clicking on the link</p> <p><a href="https://classroom.thenational.academy/lessons/to-describe-and-classify-2d-shapes-64ukjd">https://classroom.thenational.academy/lessons/to-describe-and-classify-2d-shapes-64ukjd</a></p> | <p>Reasoning About Shape</p> <p>Questions 13-17</p> |
| 5 | I can identify symmetry in 2d shape | <p>Please watch the video on bbc bitesize and work through the activities by clicking on the link</p> <p><a href="https://www.bbc.co.uk/bitesize/topics/zrhp34j/articles/z8t72p3">https://www.bbc.co.uk/bitesize/topics/zrhp34j/articles/z8t72p3</a></p> <p>Open the Shape Riddles resource and complete</p>   |   |