

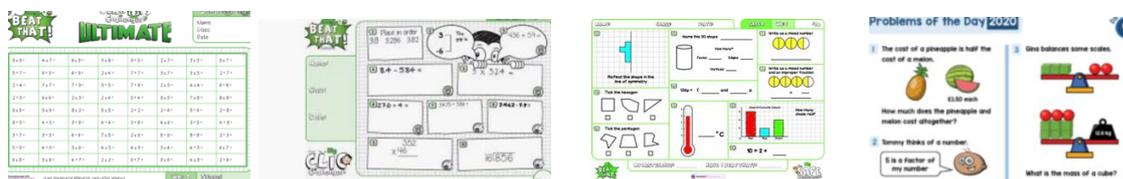


## Maths Home Learning Northern Saints CE (VA) Primary School Summer Term 2020 Guide for Parents

Starting from this week, we are going to use a whole school approach for the home-learning of Mathematics, using the resources produced by Andrell Education and The Oak National Academy. Please follow the step by step guide to help you to understand what this daily maths lesson will look like.

### Andrell Education

The children will begin their Maths by completing one of the Andrell Education activities – Beat That, CLIC, SAFE, WRH Problem of the day – just as they would if they were in school. Each day, your child's class teacher will post a mental maths activity that will look like one of the following:



The children are familiar with these tasks, as they usually complete them every morning in school. Each task should take approximately 10 minutes to complete. The aim is for the children to work as quickly as possible, applying their mental calculation skills. For some questions, they may need to support their thinking with a written calculation strategy. The answers for these tasks will be posted, daily, by your child's class teacher so that you can mark them together at home.

Simply click on the link that will be sent to you, daily, to access these activities.

### The Oak National Academy

The Oak National Academy daily maths lesson should take the children between 40 and 60 minutes to complete, depending of their ability.

Class teachers will talk to individual parents, whose children may need to access a different year group's curriculum, this ensures that all maths learning is tailored to the needs of all individual children.

The Academy has prepared a series of maths lessons for each year group. Every lesson comes with a pre learning quiz, a teaching video and resource activity and a post learning quiz.

Click on the link below will take you to the home page and follow these instructions:

<https://www.thenational.academy/online-classroom>

1. Click on the **schedule** tab





## 2. Select Year Group

# Schedule

This week is:

**Week 1**

Choose your year group then find your relevant lesson

Reception

Year 1

Year 2

Year 3

Year 4

Year 5

Year 6

Year 7

Year 8

Year 9

Year 10

## 3. Select Lesson – Maths and then start the lesson

Week 1  
**20th April**

Monday

Tuesday

Wednesday

Thursday

Friday

**Lesson 1** - Foundation  
Henry VIII

**Lesson 2** - Maths  
Area and Perimeter

**Lesson 3** - English  
Poetry: Reading Comprehension – Word Meaning

### Lesson Structure

The Lesson begins with an introductory quiz. The children can complete the quiz on line and submit their answers which will be marked and answers will be shown.

#### Activity 1: Introductory Quiz

The following quiz will help to assess your previous learning on this topic, and re-cap any elements you may have forgotten. Once you have completed this, please click 'Next activity' below.

Start Quiz

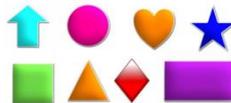
What shape am I?

Do you know your squares from your oblongs?

\*Required

How well do you know your shapes?

#### SHAPES



What do we call shapes with 4 sides? \*

2 points

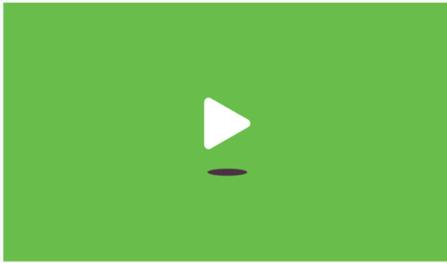
- Triangles
- Circles
- Quadrilaterals

The children then watch a video that is technically the teaching part of the lesson. They can pause and rewind as needed and it explains everything in detail whilst also showing the visual (CPA approach).

The children are asked key questions and are asked to pause the video to make predications etc.



## Activity 2: Video



When you are ready, press play on the video link opposite. This will require you to listen closely to what is being taught, and also for any instructions. Your teacher may ask you to pause the video to complete an activity. If this activity requires the Slides on the following page, simply pause the video and click 'Next activity' below. If the video does not require you to pause, watch it until the end. Then click 'Next activity' once it has finished.

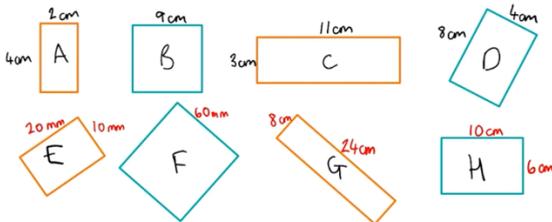
### The Activity

The children are given an activity to complete. Each stage of the video models and demonstrates the procedural variation that is required to complete the activity. The video also tells the children to pause and have a go at questions 1 and 2 etc. Meaning they are provided with clear modelling and scaffolding throughout.

The activity is part of the video but the children are also provided with slides so that they can see and read each part of the activity with ease.

### Your task today:

Calculate the perimeter of the rectilinear shapes on the worksheet. Don't forget to include the unit of measure.



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To challenge yourself, can you find 2 shapes with the same perimeter?

Oak National Academy

## Answers

### Answers

Shape	Perimeter	Shape	Perimeter
A	$(2+4) \times 2 = 12\text{cm}$ $6 \times 2$	E	$(20+10) \times 2 = 60\text{mm}$ $30 \times 2$
B	$9 \times 4 = 36\text{cm}$	F	$60 \times 4 = 240\text{mm}$
C	$(11+3) \times 2 = 66\text{cm}$ $33 \times 2$	G	$(24+8) \times 2 = 64\text{cm}$ $32 \times 2$
D	$(4+8) \times 2 = 24\text{cm}$ $12 \times 2$	H	$(10+6) \times 2 = 32\text{cm}$ $16 \times 2$

There are 10mm in 1cm. Because I know this I can convert mm to cm by dividing the value by 10. I can see the  $240 \div 10 = 24$ . So shapes D and F have the same perimeter

22:23

Answers are provided as part of the teaching sequence so children can mark immediately.



## Post Learning Quiz

### Activity 4 : Quiz

The quiz opposite is a great way for you to re-cap your knowledge from this lesson. Work through each question, and seek to understand what you may have found challenging. If you would like to re-cap any of the lesson, or repeat any exercise, click 'Previous activity' below until you reach that screen.

Start Quiz

This enables pupils to recap their learning for the day. There is no way for you to track their progress in these quizzes but the children may want to share their scores with you.

### The Expectation

- Children – to complete one mental maths activity daily and post their evidence of completion onto the portfolio page.
- Teachers – will post answers for these tasks every day so that you can mark them at home.
- Children – to complete one Oak National Academy Maths lesson every day and post their evidence of completion onto the portfolio page for teachers to monitor. This can be done very easily by taking a photograph or video.
- Parents and Children – you can mark the work together after completion as answers are built into the lesson video.
- Parents – Do not need to print out the task for their children, children can answer the questions on paper.
- Teachers – will be available to support and will communicate daily with you about the content of each daily maths lesson.

Thank you for your support and remember that we are always here to help!  
Mrs. D. Curley (DHT and Maths Leader)

