

**Week beginning – Monday 8<sup>th</sup> February 2021**

Please remember to submit all completed learning to the Remote Learning account of the Academy, the email address is:

- Remote-Learning@twapa.co.uk

**KS3 English**

**Lesson 1**

Lesson Objective:

- To explore basic punctuation.

Success Criteria:

- Bronze: I can use at least three different types of punctuation.
- Silver: I can use a range of different types of punctuation and can write two fluent paragraphs.
- Gold: I can confidently use a range of different types of punctuation and write at least three fluent paragraphs.

This week we will be looking at punctuation and paragraphs and practicing using as many different types of punctuation as possible.

In your English The Practice Tests book, read pages 1-3. These are the basics of punctuation and we are all familiar with them and how they should be used. Revise the points on these pages.

Next, read pages 4-8. Again, we are familiar with these types of punctuation. Write at least two of your own examples for each punctuation type.

**Lesson 2**

Lesson Objective:

- To explore the use of paragraphs.

Success Criteria:

- Bronze: I can identify how paragraphs are used.
- Silver: I can identify how paragraphs are used and I am beginning to write in paragraphs.
- Gold: I can confidently identify how paragraphs are used and can use paragraphs to make my writing exciting and interesting.

Today we are going to review the use of paragraphs.

In your English Revision and Practice book, read pages 12 – 15.

Use the examples in the book to revise what we already know about the use of paragraphs. Look over the character description you wrote last week. Edit this to include clear, linked paragraphs. Have you followed all the paragraphing rules?

The following video will support your reading from the past two days:

- [Fused sentences and capital letters \(thenational.academy\)](#)

**Lesson 3**

Lesson Objective:

- To demonstrate the use of effective punctuation and paragraphs.

Success Criteria:

- Bronze: I can use simple punctuation. I am beginning to use paragraphs.

- Silver: I can use a range of punctuation. I am developing confidence in using paragraphs to link ideas.
- Gold: I can confidently use a range of punctuation. I am confident in the use paragraphs to link ideas.

Today we are going to demonstrate our use of punctuation and paragraphs.

Complete the Revision Summary on page 11 in your Key Stage 3 Revision and Practice book. Check your answers using your revision notes. Highlight questions where you know you need more practice.

Complete the Revision Summary on page 16 in your Key Stage 3 Revision and Practice book. Check your answers using your revision notes. Highlight questions where you know you need more practice.

Take a photo of both summary tests and email these to:

- [remote-learning@twapa.co.uk](mailto:remote-learning@twapa.co.uk)

I can then see the fantastic work you have been completing.

## KS3 Maths

### Lesson 1: Perimeter and Area

Learning objective:

- Understand how to find the area and perimeter of a 2D shape.

Success Criteria:

- You will be able to find the area of a 2D polygon.
- You will be able to the perimeter and area of a compound shape.

Read through page 62 in your revision guide and answer the questions on page 52 in your study workbook. You need to remember that the formula for area of a quadrilateral is base x height and formula for area of a triangle is base x height divided by 2. These are key.

Remember, perimeter is the distance around the edge of a shape and the area is the 'stuff' inside it.

For more help see:

- <https://www.youtube.com/watch?v=LoaBd-sPzkU>

A compound shape is just two or more shapes put together. They will usually involve rectangles, squares and triangles so be mindful of that!

### Lesson 2: Area of Circles

Learning objective:

- Understand how to find the area and circumference of a circle.

Success Criteria:

- You will be able to find the area of a circle.
- You will be able to find the circumference of a circle.

Read through your Revision Guide on page 63. It details how to solve the questions. For example, it tells you the formula to find the area of a circle and the formula to find the circumference of a circle. In addition to that, you need to know two key terms. These are 'radius' which is the distance from the centre to the edge of a circle and 'diameter' which is the distance across the middle of the circle from edge to edge.

Answer the questions in your Workbook on page 53.

- <https://www.youtube.com/watch?v=O-cawByg2aA>

### Lesson 3: 3D Shapes and Nets and Surface Area

Learning objectives:

- Identify properties of various 3D shapes.
- Identify nets for 3D shapes and outline their properties.

Success Criteria:

- You will be able to identify 3D shapes.
- You will be able to draw and construct 3D nets.

Read through pages 66 and 67 in your revision guide and answer the questions on pages 54 and 54 in your study workbook. Not much information is necessary here. If you are unsure of the shapes, I would like you to conduct some research. If you were to type in 3D shapes into a google search you will see all the shapes in your workbook!

A net is a shape which when you put it together, makes a 3D Shape. You could even copy one of the nets and try it yourself!

## KS3 Science

### Lesson 1- Recycling

Last week, we learned about natural selection and extinction. One way we can stop the mass extinction of species is through recycling. The Earth is our only source of resources, and these are limited. As the population keeps growing, recycling becomes more important. Increased levels of carbon dioxide are linked to climate change.

Learning Objective:

- To understand why people recycle.

Read page 92 from the Key Stage Three Complete Revision and practice book.

- What is a resource?
- Where does metal come from?
- What are fossil fuels?
- What is recycling?
- Why is it important?
- Describe how aluminium is recycled.
- Make a list of all the things you recycle in your house.
- What kinds of material are recycled?

### Lesson 2 - The Carbon Cycle

Carbon is an essential element for life on Earth. Every living organism has carbon compounds inside each of its cells, such as fats and proteins. The carbon cycle shows how atoms of carbon can exist within different compounds at different times and be recycled between living organisms and the environment.

Learning Objective:

- To explain what the Carbon Cycle is and why it is important.

Read page 93 from the Key Stage Three Complete Revision and practice book.

- Why is carbon important?
- Write down the six steps of the Carbon Cycle. What is combustion?
- Why are plants important in the Carbon Cycle?
- What are Decomposers?

Complete the warm-up and exam questions on page 95 of the Key Stage Three Complete Revision and Practice book.

### Lesson 3 - Topic Consolidation

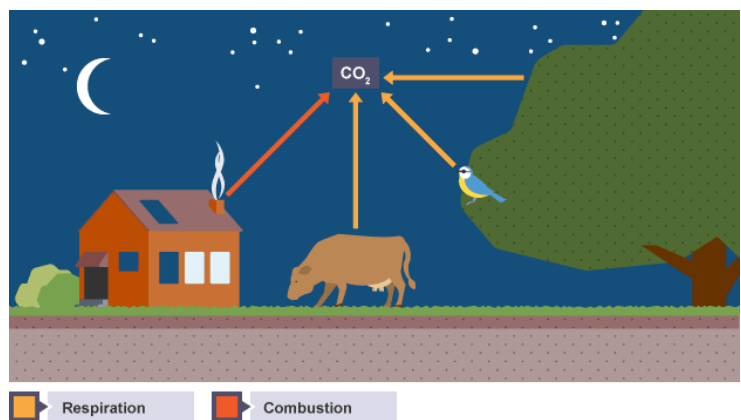
In this lesson, we are going to review what we have learnt this week. Each task is designed to help you remember key information and store it in your long-term memory.

Learning Objective:

- To review recycling and the Carbon Cycle.

Complete questions 13 – 22 on page 96 of the Key Stage Three Complete Revision and Practice book.

Draw out the Carbon Cycle and label the key parts.



### Wider Learning

BBC bitesize has a variety of different videos, tests and games that will test your knowledge. Please watch all the videos on the Carbon Cycle.

- <https://www.bbc.co.uk/bitesize/guides/zg9v6yc/revision/2>

### Kahoot - Game Pins

The Carbon Cycle

- Game PIN: 04510265

Recycling

- Game PIN: 04486389

