

Week beginning – Monday 22nd 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 the features of a play.

Success Criteria:

- Bronze: I can use identify at least two features of a play
- Silver: I can identify at least three features of a play
- Gold: I can confidently identify a range of features of a play

This week we will be looking at plays. We are going to read a play on our return to school.

In your English - The Practice Tests book, read pages 120 - 121. These are the basic features of plays. You will recognise some of these from when we looked at Romeo and Juliet.

Research plays:

Can you find any you have heard of?

Have you ever read a play before?

What did you like / not like about it?

Lesson 2

Lesson Objective:

- To explore characters within a play.

Success Criteria:

- Bronze: I can identify two features of characters within plays.
- Silver: I can identify at least three features of characters within plays.
- Gold: I can confidently identify a range of features of characters within plays.

Today we are going to look at characters within plays.

In your English Revision and Practice book, read pages 122 – 123.

As you read, make some revision notes. Remember, these can be colourful and include pictures!

Research characters from any play you have heard of. What body language do they use? How do they behave towards other characters?

Lesson 3

Lesson Objective:

- To explore the use of staging within plays.

Success Criteria:

- Bronze: I can identify two examples of staging
- Silver: I can identify three examples of staging and am beginning to explore why these have been used
- Gold: I can confidently identify a range of examples of staging. I can explain why these have been used

Today we are going to explore staging.

Read pages 124 – 125 in your Revision Guide. Add to your notes from yesterday as you complete the reading.

Read the script on page 125. Can you draw the stage for this section of the play? What have you included? Why have you made these choices?

KS3 Maths**Lesson 1: Angle Rules**

Learning Objective:

- Understand how to find the angle on a straight line.
- Understand how to find the angle inside a 2D shape.

Success Criteria:

- You will be able to solve the angle on a straight line.
- You will be able to solve the angle around a point.
- You will be able to find the size of the interior angle of a 2D shape.

Read through page 71 in your Revision Guide. This is titled 'Five Angle Rules'. These five simple rules will enable you to answer questions on pages 60 and 61 in your Workbook. The rules include how to solve the interior angle in a triangle, on a straight line, in a quadrilateral, around a point and to solve the bottom angle in an isosceles triangle.

This should be relatively straightforward for you. However, I would like you to double check your answers on a calculator.

Lesson 2: Angles in Parallel Lines

Learning Objective:

- Understand how to solve an interior angle in a parallel line.

Success Criteria

- You will be able to solve the angle for alternate angles.
- You will be able to solve the angle for corresponding angles.

Read through your Revision Guide on page 73. This details how you can find the size of an angle in parallel lines. Use this information to answer the questions in your Workbook on page 62. Remember that parallel lines will never meet! Remember to find the letter Z for alternate angles and the letter F to help you find corresponding angles.

For more information on this please see the video below. It can be quite confusing so take your time in trying to answer these questions.

<https://www.youtube.com/watch?v=5NfXvBdwKJE>

Lesson 3: Interior and Exterior Angles

Learning Objective:

- Understand how to find the interior and exterior angle of a 2D polygon.

Success Criteria:

- You will be able to solve the interior and exterior angle.
- You will be able to find the sum of interior angles.

Read through page 74 in your Revision Guide titled 'Interior and Exterior Angles'. We have covered this in class last year so this should ring some bells! However, if you have forgotten, do not worry we will re-visit this now. Remember, we did this by seeing how many triangles you could draw inside the shape from one vertices to another. If you could draw three triangles for example, there are 180 degrees in a triangle so $3 \times 180 = 540$. You would then divide by the number of angles to find your interior angle! Try the questions in your Workbook on page 63.

The questions follow the Revision Guide quite closely. However, if you have any issues please see this video.

<https://www.youtube.com/watch?v=gVo8ZrtISp0>

KS3 Science

Nutrition

Last week, we learned about recycling and the Carbon Cycle. This week, we will be learning about nutrition. A nutrient is a substance needed by organisms to stay alive and healthy. A healthy human diet involves seven different kinds of nutrient:

- carbohydrates
- proteins
- lipids (fats and oils)
- minerals
- vitamins
- dietary fibre
- water

Lesson 1 - A Balanced Diet

Learning Objective:

- To understand what a balanced diet is

All	State what a balanced diet is
Most	Name several nutrients and state their function
Some	Explain what happens when remove different nutrients from our diet

A balanced diet contains the different nutrients in the correct amounts to keep us healthy. Imbalanced diets can cause obesity, starvation, and deficiency diseases.

Read page 8 from the Key Stage Three Complete Revision and practice book.

- What does 'balanced diet' mean?
- What are carbohydrates? What are they used for?
- What are proteins? What are they used for?
- What are Lipids? What are they used for?
- Explain why 200 years ago, sailors used to suffer from scurvy.
- Explain why Young children should drink a pint of milk a day.

Lesson 2 - Nutrition and Energy

Learning Objective:

- To understand nutrition

All	Know that the body needs energy
Most	Understand why different people need different nutrition
Some	Explain what happens when a person diet is unbalanced

Each person needs a different amount of energy depending on factors such as:

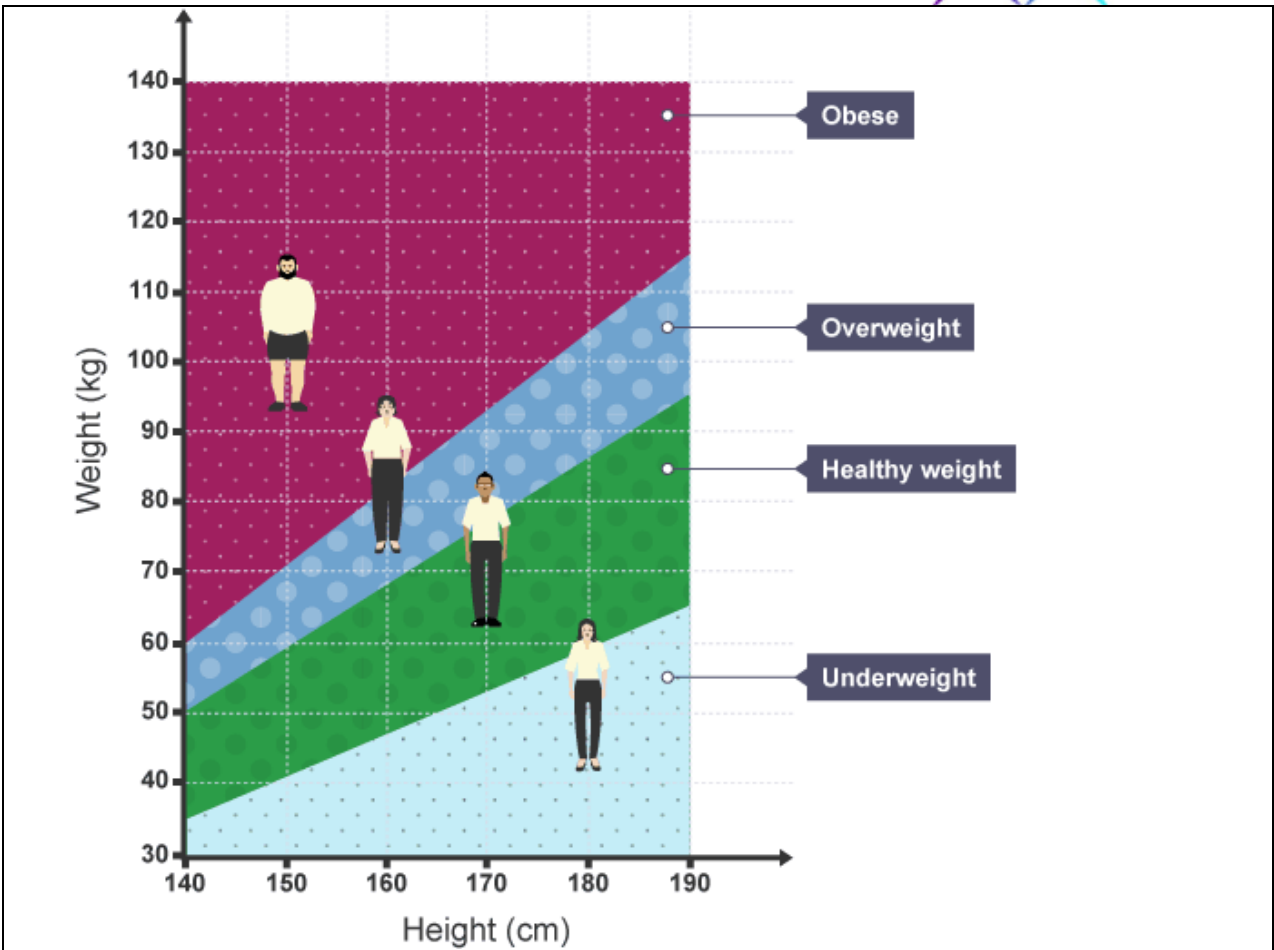
- gender (male or female)
- age
- amount of daily activity

If you look on the side of food packets you will see the food's energy content. This is usually measured in kilojoules, kJ. For example, a one-year-old baby needs 3850 kJ each day to continue to grow, whereas an adult Olympic swimmer in training needs 15,600 kJ each day. Someone who sits at a desk all day will need less food than their twin who climbs ladders all day to wash windows.

Read page 9 from the Key Stage Three Complete Revision and practice book.

- Where does the body get energy from?
- What is BER?
- Calculate your BMR.
- Why would a person need extra energy?
- Explain how people gain weight.
- What is starvation?
- Explain what a 'deficiency disease' is.

Complete the warm-up and exam questions on page 13 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.

LO: To assess what has been learned this week

All	Recall facts about nutrition
Most	Explain what happens when a diet is unbalanced
Some	Apply nutritional knowledge to a new situation

State three components of a balanced diet which provide energy.

Copy the table and fill in the blanks.

Nutrient	Why do you need it?	Foods where it is found (sources)	What happens if you don't get enough? (deficiency)
Protein	It is used for growth and repair of body tissues.	Meat, eggs, fish, lentils, cheese.	
		Oils, butter	
Carbohydrates			
Vitamins:			
	Helps bind cells together		You get scurvy (bleeding gums, bruising, tender skin)
Minerals:			
	Needed to make red blood cells		
		Milk, cheese, green vegetables	

Explain why Mr Nicholas the bodybuilder eats a whole chicken every day.

Explain why You should never cut fat out of your diet (even if you are trying to lose weight).

Wider Learning

BBC Bitesize has a variety of different videos, tests and games that will test your knowledge.

Please watch all the videos on nutrition.

<https://www.bbc.co.uk/bitesize/guides/zyjx6sg/revision/1>

Kahoot

Nutrition

- Game PIN: 008196467

