

**Friday 1<sup>st</sup> May 2020**

**SPELLING TEST**

Ask a family member to test you on this weeks spelling list.

Well done if you achieved 100%.

If you made any errors, add these words to next week's spelling list.

## SPAG

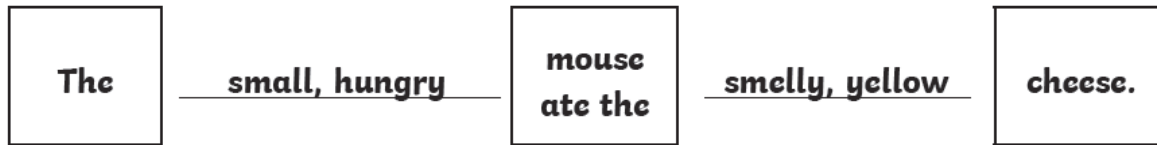
Read each sentence carefully.

Copy each sentence into your work book using the correct spelling.

# Adding Adjectives to Expand Noun Phrases

Use your scissors to cut up these simple noun phrases and expand them using adjectives. Can you use two adjectives, separated by a comma, to describe each noun in the sentence?

Here's how they should look:



Now it's your turn!

1.  \_\_\_\_\_  \_\_\_\_\_

2.  \_\_\_\_\_  \_\_\_\_\_

## Guided Reading

Use the text from Monday's PowerPoint to help you answer the questions.

Please write the answers using full sentences.

Which muscles would you need to move to bend and straighten your arm? (AF2)

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Do you think humans would be able to survive without muscles and bones? Explain your answer. (AF2/AF7)

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Why do you think it is important for athletes to have strong muscles and bones? (AF3/AF7)

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## If you would like to mark your guided reading comprehension questions from the week, here are the answers 😊

Give two functions of the human skeleton. (AF2) Answers could include: giving your body its shape; supporting your body; moving your body with the help of muscles; protecting your organs or releasing minerals.

Give three names of bones in the human body. (AF2) Answers could include: the skull, the spine, the ribs, the sternum, the femur or the pelvis.

Which of your organs do you think the ribcage protects? (AF2) The ribcage protects the heart and the lungs.

Where does the word 'sesamoid' come from when describing bones? (AF2) These bones look like sesame seeds, for example the patella in the knee.

Why do you think the writer has chosen to ask a range of questions throughout the text? (AF5) The writer asks questions to engage the reader and to get them to think more deeply about the subject.

The writer uses sub-headings throughout the text. Can you think of a suitable sub-heading for the first section of the text? (AF4) Suggestions may include 'The Skeleton' or 'Functions of the Skeleton'.

Why has the writer chosen to include a labelled diagram of the human skeleton at the beginning of the text? (AF4) The diagram shows the reader the main bones in the human body and their locations which helps the reader understand the text more clearly.

The text is organised into clear sections with sub-headings. Why do you think the writer has chosen to do this? (AF4) **By organising the text into sections, it makes it clear what each section is about. It helps the reader to understand the text more easily and find the information they need more quickly.**

In your own words, can you explain how muscles work in pairs to move your limbs? (AF2) **To move your limbs one muscle gets shorter and fatter. It pulls on the bone in the lower arm to which it is attached. At the same time, the other muscles relaxes, getting longer and thinner.**

In the text, some muscles are described as 'automatic'. What does this mean? (AF3) **It means that signals in the brain tell your body to move certain muscles automatically without having to think about it first, for example breathing and blinking.**

Which muscles would you need to move to bend and straighten your arm? (AF2) **The biceps and triceps.**

Do you think humans would be able to survive without muscles and bones? Explain your answer. (AF2/AF7) **Without muscles and bones, your body would have no structure and your vital organs would not be protected. Your body would also be unable to move to complete essential tasks for survival such as breathing and eating.**

Why do you think it is important for athletes to have strong muscles and bones? (AF3/AF7) **Athletes need to have strong muscles and bones to enable to compete in their sport the best that they can. Athletes need to take care of their muscles and bones by ensuring they eat healthily and take care of themselves, as well as warming up and stretching to avoid injuries.**

# Writing Instructions



## Writing Instructions

How to make a \_\_\_\_\_



Ingredients
• _____
• _____
• _____
• _____
• _____
• _____
• _____

Equipment
• _____
• _____
• _____
• _____
• _____
• _____
• _____

Method
_____
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_____

Use the template to write instructions for something you like to make at home.

For example:

- Cookies
- Cup of tea
- Toast
- Sandwich
- Smoothie

# Maths

## Warm Up:

1.  $562 \times 213 =$

2.  $2546 + \underline{\hspace{2cm}} = 9875$

3.  $25689 - 2589 =$

4.  $\frac{2}{6}$  of 72 =

5.  $3.4\text{km} = \underline{\hspace{2cm}} \text{ m}$

# Timetables speed test

<https://www.timetables.co.uk/multiplication-tables-check/>

## Multiplication tables check

00:04

1 / 25

$$3 \times 5 =$$

1

2

3

4

5

6

7

8

9

<

0

Enter



# Roman Numerals Maths Mastery

Aim: I can recognise the value of Roman numerals.

Continue the following Roman numeral sequences by writing the next 4 numbers.

1. XV, XX, XXV, XXX, \_\_\_\_\_
2. XXII, XX, XVIII, XVI, \_\_\_\_\_
3. XV, XVIII, XXI, XXIV, \_\_\_\_\_
4. L, LX, LXX, LXXX, \_\_\_\_\_
5. LXXXI, LXXII, LXIII, LIV, \_\_\_\_\_

Order the following sets of Roman numerals from smallest to largest.

6.	XV	XII	IX	XVI	XIV

7.	XXXII	XXIX	XXV	XXX	XXXV

8.	LV	XLV	L	LI	XLIX

9.	XXXV	XXVII	XXXII	XXIV	XXIX

10.	LXI	XCIX	XLIX	C	XCIV

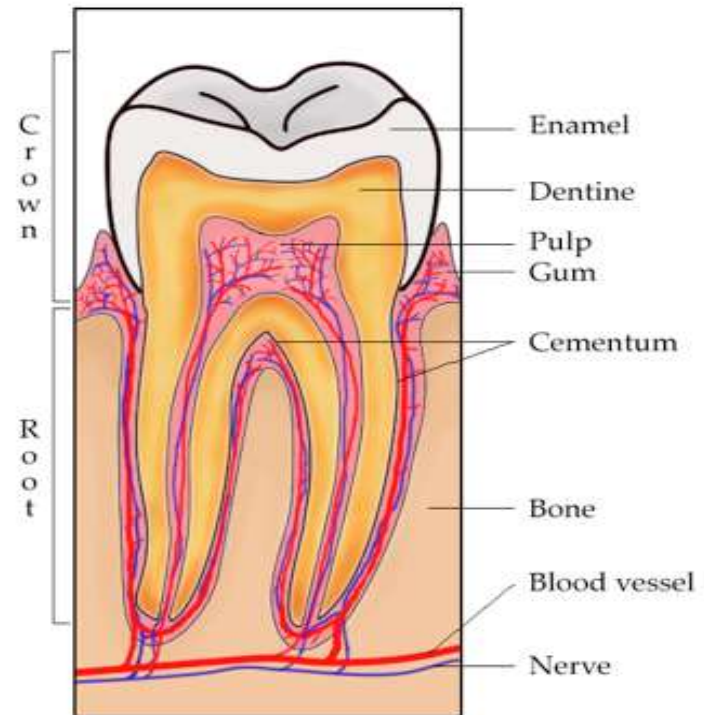
# Science Experiment.

This investigation demonstrates the importance of keeping our teeth healthy. We will discover what causes tooth decay and how we can prevent it.

Your **teeth** are a very important part of your body because they bite and chew your food. When you smile and laugh you show your teeth.

Your teeth are a living part of your body. The part you see is called the **crown**. It is covered with **enamel**. Tooth enamel is the hardest part of the body. It is even harder than bone. However if you get a hole in your tooth the enamel can't grow back again.

The **root** holds the tooth firmly into the jawbone. The roots are covered by the **gums**. Inside each tooth is a soft part called the **pulp**. Your heart pumps blood to the pulp to keep the tooth alive. The **nerve** connects your tooth to your brain. If you have toothache the nerves are telling the brain that there is something wrong with the tooth. The pulp has a hard covering called the **dentine**. The dentine in the crown is covered by enamel.



A cross section of a tooth

## What will you need?

Resources:

- Eggs (boiled or sterilised)
- Testing liquids (such as water, vinegar, cola, orange juice and milk)
- Plastic cups

**Note:** You can use cooked chicken bones, which have been boiled and scrubbed, instead of eggshells.

## What will you do?

1. Peel the eggs, keeping as much of the shells intact as possible. The eggshells will represent teeth.
2. Place a small amount of each testing liquid into a plastic cup.
3. Place a piece of eggshell into each of the cups. Push it under the surface of the liquid, so that it sinks.
4. Leave the eggshells for 24 hours, then carefully pour away the liquids and add fresh liquid to each cup.
5. Leave the eggshells for a further week and observe daily.

## Investigation

Which liquids do the most damage to eggshells?

What we will do (method)

What we will need (materials)

How we can make it a fair test (what we will keep the same)

We think (prediction) and why we think this

What we found out (results)

What this shows (conclusions)

Diagram

This link will show  
you what to do:

<https://www.youtube.com/watch?v=47bwgKzuGjY>