



Spelling focus– -tial and -cial endings.

-cial is commonly used after a vowel letter at the end of a word; -tial is commonly used after a consonant letter at the end of a word.

Exceptions to this rule: financial, commercial, provincial, initial.

- facial
- superficial
- crucial
- artificial
- essentially
- potentially
- influential
- confidential
- beneficial

occupy (taken from word list)

How many words can you think of that fit this rule?

Look up the meaning of any words that are unfamiliar to you.

Practise the spellings in your own sentences.

Can you remember them without looking?

Can you make up any spelling games to help you learn them?



Science– Human Sundial

Explore Light and Shadows Investigation



(See investigation sheet attached)

Year 6

Home learning mat:

Practice spellings everyday

Read for 20 mins daily

Choose any other activities you would like to do

History- Design a Viking Long boat

The Vikings were good at making boats. Their dragon ships and long boats had colourful, striking designs with intricate dragon heads mounted on the bow. This one wouldn't fare so well at sea, but its easy to make with a bit of corrugated card and some felt tips. It comes complete with seats and oars so your little Vikings can paddle their way to battle.

Research the Viking longboats and make your own!



Reading

Choose your current reading book or a book you have enjoyed.

Illustrate your favourite part of the story and write a caption to go with it

Example



Writing

Imagine that you are a Viking.

Write a diary entry describing what a day in your life is like. Use the fact file from last week's homework mat to help you.

Example opener

Dear Diary,

Today was a tough one. We got stuck in a huge storm that battered our ship to pieces. Thor must have been displeased with us this day.

Science– Human Sundial

Explore Light and Shadows Investigation



A *sundial* is a device that tells the time of day when there is sunlight by the apparent position of the Sun in the sky. It consists of a flat plate (the dial) and a gnomon (a thin rod), which casts a shadow onto the dial.

You will need:

Chalk (jumbo outdoor chalk would be ideal),
a measuring tape,
a willing volunteer who can stand still for a minute or two
and enough sunshine to cast a shadow!

What to do:

- 1) First thing in the morning, if the sun is out, go into your garden with some chalk.
- 2) Find a good spot where there won't be any shadows from trees or fences and make a cross.
- 3) Choose a volunteer to be a human sundial and ask them to stand on the cross.
- 4) Draw around their shadow and use a tape measure to see how long the shadow is.
- 5) Repeat every hour. You must use the same person to stand in the same position as the human sundial to make it a fair test.
- 6) Create a table to record your results, something like this:

Time shadow drawn (hours/minutes) Length of shadow

9:10am	87cm
10.10am	



Why do you need to draw around
the same person each time?

Over the day, or number of days (if the clouds get in the way!), build up a table of measurements and see what the pattern looks like!

Think about... Why do we get shadows? Why do they change length throughout the day?