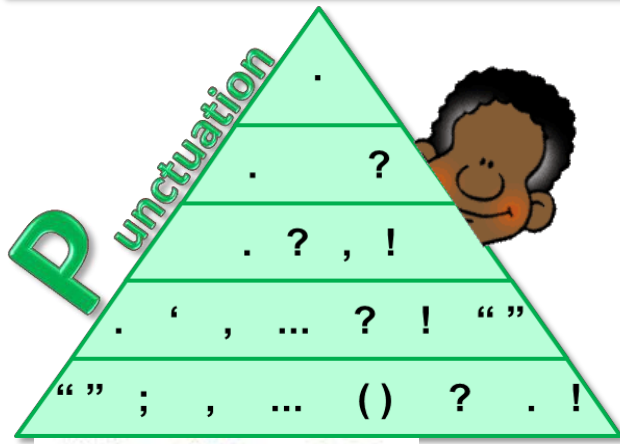
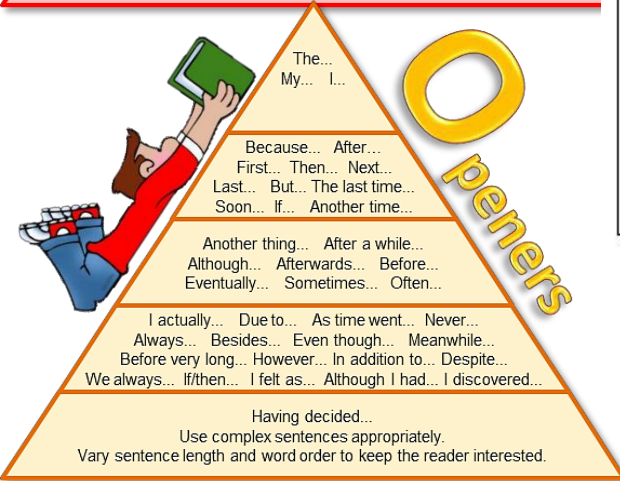
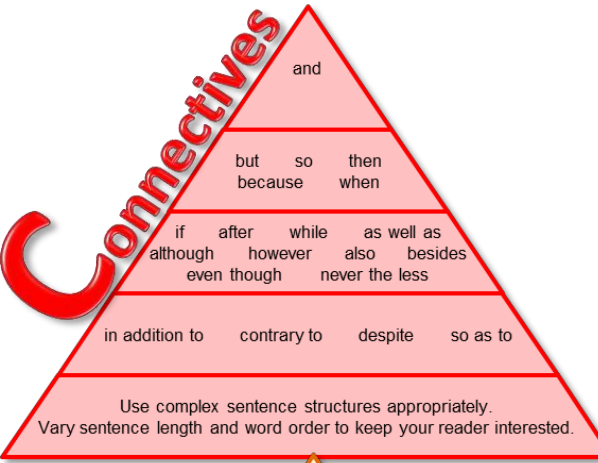


Vocabulary

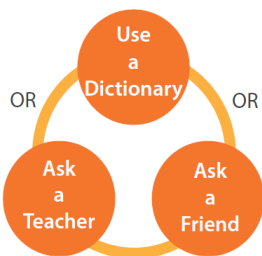
KS3 Science Literacy Mat



ABC
Spelling Research Thesaurus

- Punctuation**
- Did you end each sentence with a full stop?
 - Did you begin each sentence with a capital letter?
 - Did you use commas and semicolons to make your work easy to read?
 - Did you capitalize all proper nouns (e.g. names of people and places?)
 - Did you use apostrophes to show ownership or missing letters?
- Grammar and Formatting**
- Did you answer in full sentences?
 - Did you answer in your own words?
 - Did you explain your answers?
 - Did you use one font/colour/size throughout?
 - Did you delete any blank space (e.g. in tables)?
 - Did you use paragraphs and subheadings?
- Spelling**
- Did you read your work carefully to spot spelling mistakes?
 - Did you check the spelling of words you are not sure of (e.g. *their* and *there*)?

Don't understand a word?



1. Aim
What do you want to find out?

2. Prediction
What do you think the result will be?



4. Results
What did you find out?
Results should be recorded in the form of a table and / or a graph.
Units should be included in the table heading and graph axes.

5. Conclusion (Level 5+)
What have you learned from the results?
How does what you have learned, link back to your prediction?
Use the correct scientific vocabulary. 7

3. Method

- What did you do, or what will you do, in the experiment?
- This should be in bullet points or numbered stages.
- Use the correct scientific vocabulary.
- Impersonal writing, for example 'the liquid was poured into the beaker' not 'Miss poured the liquid into the beaker'.

6. Evaluation (Level 6/7)

- What went well in the experiment?
- What did not go well in the experiment?
- What would you change next time?
- What have you learned?
- Use correct scientific vocabulary.

COMMAND WORDS DESCRIPTORS

- LIST**: To produce a list of words, sentences or comments
- STATE**: To describe the main points in precise terms. Use brief, clear sentences. Omit details or examples.
- DESCRIBE**: To write a detailed account or verbal picture in a logical sequence or story form
- EXPLAIN**: Give reasons/causes. Show understanding of how or why something has occurred.
- RELATE**: To show the connection between things, telling how one causes or is like another.
- JUSTIFY**: To give a statement of why you think something is so. Explain why your choice is better than the possible options.
- DISCUSS**: Describe and explain relevant points and build up a balanced argument with supporting detail.
- COMPARE**: Identify the main points that apply and explain the similarities and differences.
- EVALUATE**: To give an opinion, supported by some expert opinions, of the truth or importance of a concept. A variety of evidence. Show the advantages and disadvantages.
- ANALYSE**: Find the main ideas, how they are related and why they are important

Common Misspelt Words

- Accurate
- Anomaly/ Anomalous
- Beginning
- Comparison
- Conclude
- Dependent
- Evaluate
- Measure
- Membrane
- Prove
- Reliable
- Results
- Science/ Scientific
- Therefore
- Thermometer
- Unfortunately

Element symbols and compound formulae

All element symbols start with a capital letter. If there is a second letter in an element symbol, it is a lower case letter:

Na not NA, Mg not MG

In a compound formula, numbers should be smaller than the letters and slightly below them. This is called a subscript:



Ions have a superscript - small numbers above the letters:



Affect/effect

Affect is a verb. It follows a noun: the temperature affects how quickly a reaction takes place.
Effect is a noun: the effects of global warming are devastating and have the potential to change life as we know it.

There/ their/ they're

- ❖ **Their** shows that 'they' own something. Tigers are camouflaged from their prey because of their stripes.
- ❖ **They're** is short for **they are** as in They're able to sneak up on other animals without being noticed.
- ❖ If you are not talking about possession or shortening 'they are', use **there**.
Tigers live in India. There are many reasons why