

## Revision List – Year Four May 2018

These are the topics that we have covered this year in Year Four. We will be revising these topics in class with the children over the next few weeks.

### Maths

1. Calculations – all four operations
  - Formal methods
  - Mental strategies
2. Shape
  - Properties of 2D shapes
  - Properties of 3D shapes
  - Symmetry in 2D shapes
  - Triangles – identifying the different triangles and their properties
3. Angles
  - Identifying properties of different angles
  - Finding angles around us
4. Measures
  - Conversions
  - Measuring using different scales (measuring tapes, weighing scales, measuring cylinders, thermometers)
  - Time
    - Converting 12-hour clock to 24-hour clock
    - Working out time duration
    - Using time tables
5. Fractions and decimals
  - Adding and subtracting fractions with the same denominator
  - Finding fractions of shapes and measurements
  - Finding fractions of numbers
  - Converting fractions to decimals
  - Identifying decimals on a number line
6. Data handling
  - Reading bar charts
  - Creating tally charts
  - Creating bar charts
  - Analysing graphs
7. Other
  - Negative numbers
  - Roman numerals
  - Word problems – involving all topics above

The children have their log in details for Mathletics. They should use this to work through the different units that we have covered. Here are some other websites you might like to use too:

[www.topmark.co.uk](http://www.topmark.co.uk)

[www.ictgames.com](http://www.ictgames.com)

[www.crickweb.co.uk/ks2numeracy.html](http://www.crickweb.co.uk/ks2numeracy.html)

<http://shppardsoftware.com/math.htm>

<http://knowledgeadventure.com/subject/math-games>

## English

1. Nouns (a thing)
  - Common (shoe, boat, car)
  - Proper (Mrs Heaton, Dubai, Friday)
  - Collective (herd, flocks, pack)
  - Abstract (love, anger, boredom)
2. Adjectives (describes a noun)
  - Lovely
  - Boring
  - beautiful
3. Verbs (doing words)
  - Present tense verbs (to skip, to swim, to jump)
  - Past tense verbs (skipped, swam, jumped)
4. Adverbs (to add information about the verb)
  - Slowly
  - Jokingly
  - Weirdly
5. Conjunctions (joins two sentences together)
  - But
  - Because
  - so
6. Similes (comparison that uses like and as)
  - The pile of ironing was as tall as the Burj Khalifa
  - The boy was like a cheetah running after his prey.
7. Metaphors (comparison that does not use like or as)
  - The clouds were white blankets in the sky.
  - The sun is a hot, burning oven.
8. Fronted adverbials (adverbs used at the beginning of sentences)
  - Surprisingly, we found animal footprints in our school corridor.
  - Lovingly, her mother took her hand, as they walked across the busy road.
9. Inverted commas (speech marks)
  - "Help!" shouted Suzanne, "I'm stuck!"
  - The Iron Man laughed "You can't stop me; I am bigger than all of you put together!"
10. Prefixes (sounds that go at the start of words)
  - il –
  - un –
  - mis -
11. Suffixes (sounds that go at the end of words)
  - - ed
  - - es
  - - ing
12. Using varied punctuation
  - Capital letters
  - Question marks
  - Commas

13. Determiners (the, a, an)
14. Use of paragraphs
15. Prepositions (where something is placed)
  - Below
  - Above
  - Under

Here are some other websites you might like to use:

[www.ictgames.com](http://www.ictgames.com)  
[www.crickweb.co.uk/ks2literacy.html](http://www.crickweb.co.uk/ks2literacy.html)  
[http://sheppardsoftware.com/web\\_games\\_vocab.htm](http://sheppardsoftware.com/web_games_vocab.htm)  
<http://knowledgeadventure.com>  
[www.primarygames.com/reading.php](http://www.primarygames.com/reading.php)

## Science

1. Animals and Human
  - Digestion
  - Food chains
  - Teeth
2. Living things and their habitats
  - MRS GREN
  - Herbivores, carnivores, omnivores
  - Vertebrate and invertebrate
  - Different habitats around the world
  - How animals adapt to their habitats
  - Branching databases
3. States of matter
  - Solids, liquids and gases and their properties
  - How states change – melting, cooling, freezing etc.
  - Reversible and irreversible changes
  - The water cycle
4. Electricity
  - Components of a circuit
  - Electrical conductors and insulators
  - Making bulbs brighter
  - Electrical safety
5. Sound
  - What is sound?
  - How do we make something louder/quieter?
  - How do we make a high/low pitch?
  - What does sound travel through?
  - How do we muffle sound?

Here are some other websites you might like to use:

[www.crickweb.co.uk/ks2science.html](http://www.crickweb.co.uk/ks2science.html)  
<http://sheppardsoftware.com/science.htm>  
[www.bbc.co.uk/school//scienceclips/](http://www.bbc.co.uk/school//scienceclips/)  
[www.lovemyscience.com](http://www.lovemyscience.com)