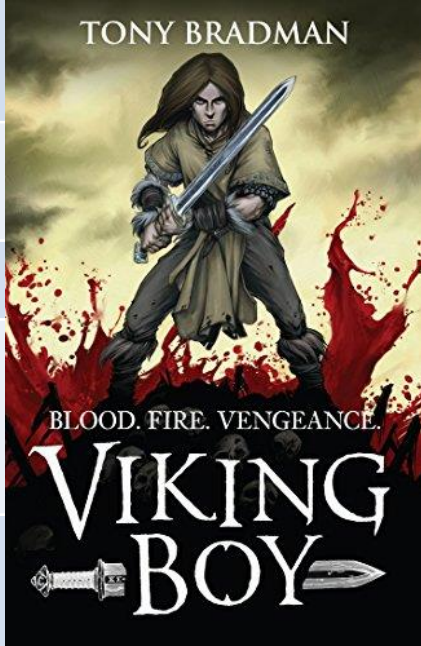
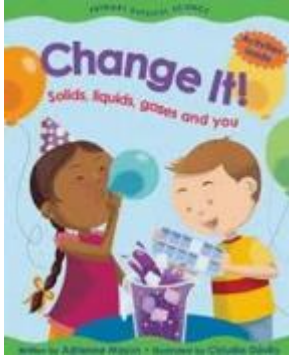
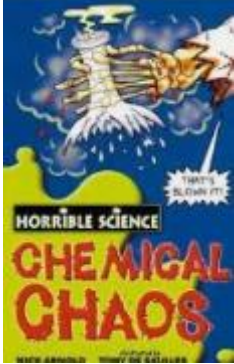


## Year 5 – Summer 2 Vicious Vikings.

English	Maths	PE
Ask questions to improve understanding of a text. Read a wide range of books.	Measuring angles in degrees. Measuring using a protractor. To draw angles and lines accurately.	Health and Fitness: I can describe how and why my body changes during and after exercise.
Use brackets, dashes or commas to indicate parenthesis. Noting and developing initial ideas, drawing on reading and research where necessary.	Calculating angles on a straight line. Calculating angles around a point. Calculating lengths and angles in shapes. Regular and irregular polygons. Reasoning about 3D shapes.	<b>PSHE</b> The benefits of positive self-image and self respect for our health and well being.
To use action and dialogue within a story. To build cohesion in longer pieces of writing.		<b>Computing</b> Selection in quizzing
To describe settings, characters and atmosphere with an increasing awareness of the reader.		<b>French</b> Transport, classroom items, prepositions
To use dialogue to convey a character.		
<b>History</b> Can they make comparisons between historical periods; explaining things that have changed and things which have stayed the same?  Can they use dates and historical language in their work?		<b>Art</b> Can they create a print that meets a given criteria. Can they print onto different materials.
Can they describe events from the Viking period.  Make comparisons between historical periods (Greeks and Vikings).	<b>Music</b> Looking at dynamics, patterns different styles, using words and music to differentiate character and mood.	<b>D.T</b> Develop a range of practical skills to create products (e.g cutting, drilling and screwing, nailing, gluing, filling and sanding).

# Year 5: Reversible and Irreversible Changes Knowledge Mat

Subject Specific Vocabulary		Interesting Books		Sticky Knowledge about Reversible and Irreversible changes
Freezing	Freezing is a phase transition where a liquid turns into a solid when its temperature is lowered below its freezing point.	 		<input type="checkbox"/> Irreversible changes, like burning, cannot be undone. Reversible changes, like melting and dissolving, can be changed back again.
irreversible	A change is called irreversible if it cannot be changed back again.			
evaporate	Turn from liquid into vapour.	Science Skill		<input type="checkbox"/> Know what a reversible change means. <input type="checkbox"/> Know what an irreversible change is.
thermal evaporation	Something that is thermal is hot, retains heat, or has a warming effect. Evaporation is the process of a substance in a liquid state changing to a gaseous state due to an increase in temperature and/or pressure.			
dissolve	To dissolve is defined as to become broken up or absorbed by something or to disappear into something else.	Planning different types of scientific enquiries to answer questions including recognising and controlling variables where necessary.		Examples of reversible changes. Melting: Melting is when solid converts into a liquid after heating. Example of melting is turning of ice into water. Freezing: Freezing is when a liquid converts into a solid.
condensing	To reduce to another and denser form, as a gas or vapour to a liquid or solid state.			
thermal	Something that is thermal is hot, retains heat, or has a warming effect	Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate		A cooked egg cannot be changed back to a raw egg again. Mixing substances can cause an irreversible change. For example, when vinegar and bicarbonate of soda are mixed, the mixture changes and lots of bubbles of carbon dioxide are made. Burning is an example of an irreversible change.
Reversible	A reversible change is a change that can be undone or reversed.			
melting	Melting, is a physical process that results in the phase transition of a substance from a solid to a liquid.	<b>The Big questions...</b> <b>How would you get the dirty water clean?</b>  <b>Which material is best for the lining of a lunch box to keep food cool?</b>  <b>Which material is the best conductor for a light bulb?</b>		
separate	separate, part, and divide mean to break into parts or to keep apart.			