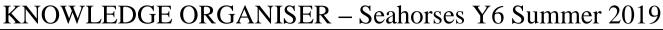
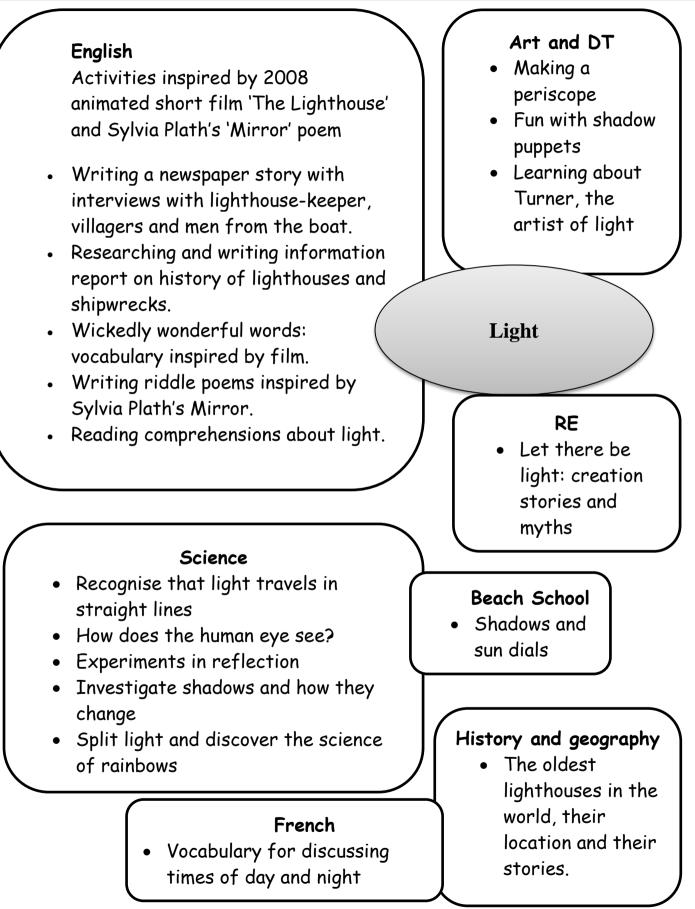
Light





Key words I need to know:

Light source	Refraction	Spectrum	Rainbow
Reflection	Concave	Grid	Prism
Fair test	Convex	reference	
Shadow	Lenses	Pharos of	
Periscope	Filter	Alexandria	

I will be learning about:

- how light travels
- how the human eye works
- reflection and refraction
- shadows and sundials
- periscopes
- rainbows
- the location and history of famous lighthouses
- JMW Turner: Romantic artist of light

I will also be working scientifically

- planning different types of scientific enquiries to answer questions
- taking measurements, using a range of scientific equipment
- recording results using scientific diagrams, graphs and tables
- using test results to make predictions to set up further fair tests reporting and presenting findings from enquiries, including conclusions
- identifying scientific evidence that has been used to support or refute ideas or arguments

Home learning activities: useful websites

BBC Bitesize <u>https://www.bbc.com/bitesize/articles/z2s4xfr</u> DK Find Out! <u>https://www.dkfindout.com/uk/science/light/</u> Who is Turner? <u>https://www.tate.org.uk/kids/explore/who-is/who-jmw-turner</u> Kids Britannica: lighthouses <u>https://kids.britannica.com/kids/article/lighthouse/400128#251541-toc</u> Science for kids: lighthouse of Alexandria <u>http://www.scienceforkidsclub.com/lighthouse-of-alexandria.html</u> Plus

BBC Supermovers (fun songs with actions for times tables, maths and English) https://www.bbc.co.uk/sport/supermovers/42612499