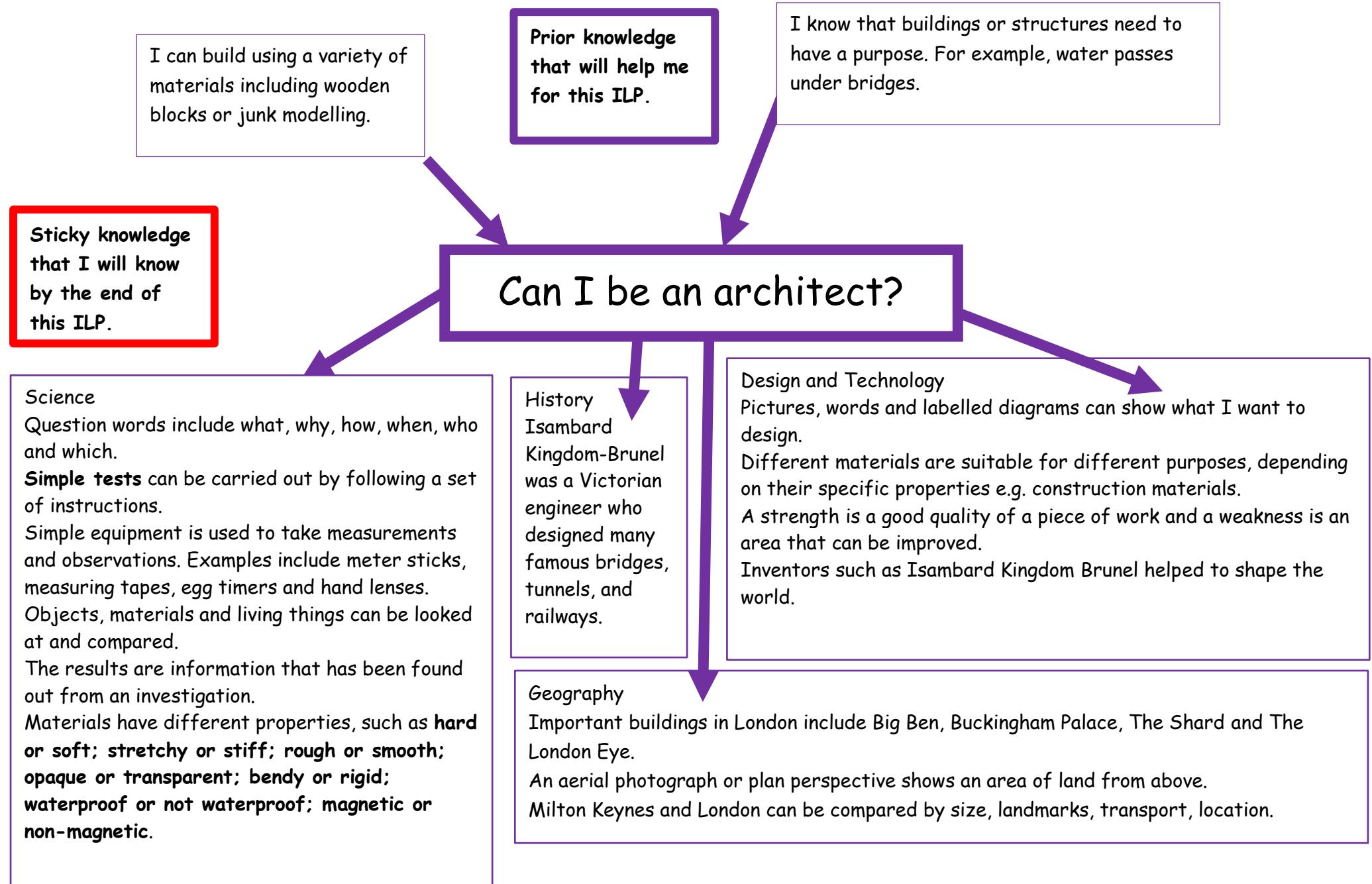




My Knowledge Organiser for:
Can I be an architect?

Year 1 - Spring Term 2

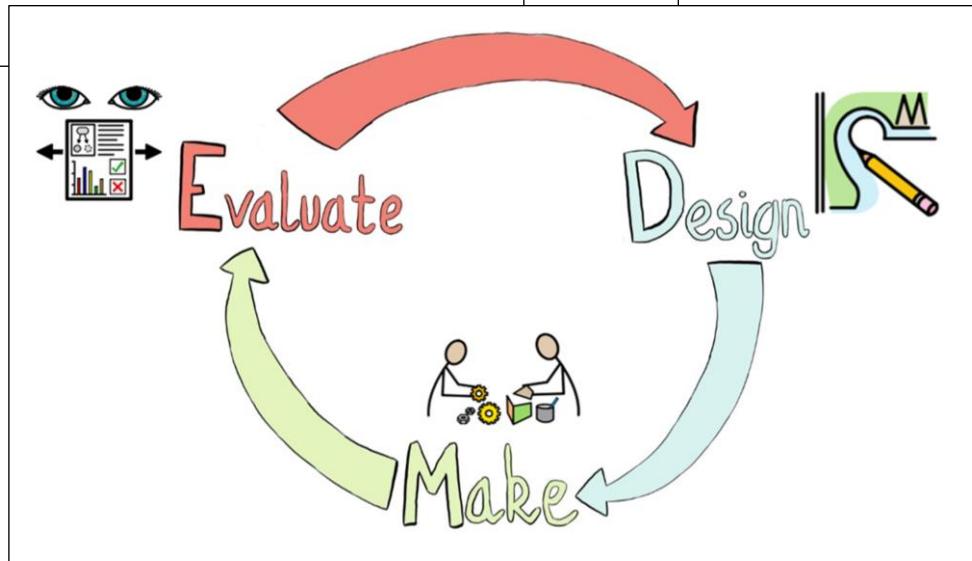




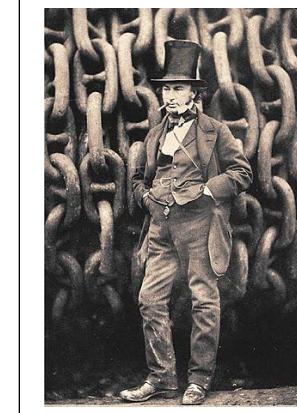
Design and Technology:

Evaluating is key in the reflection of your creation. A detailed evaluation will identify the strengths and weaknesses of the process and the next steps or changes you would make.

Planning your design is the initial starting point for your idea. This can be demonstrated through drawing pictures, writing down ideas, mind mapping, or labelling diagrams.



To make your design you need to consider what will be the best tools and materials to use. If your design is required to get wet, you need to ensure your materials are water resistant so that it is suitable for its purpose.



Inventors are important because they have created something that is vital to everyday life. **Isambard Kingdom Brunel** was fundamental to the design of railways, bridges, and tunnels.

London has famous landmarks including Big Ben, The London Eye and Buckingham Palace.

An aerial photograph is taken from above, it is also known as a bird's eye view.

Milton Keynes and London can be compared as a big city and a small city. We can compare size, buildings and transport.

Stadiums in London are significant part of British sporting culture.



Geography:

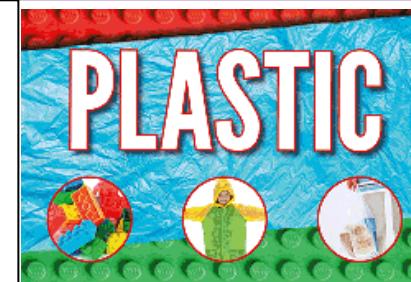
History:



Isambard Kingdom Brunel was an **engineer**. He is famous for some of the most known **bridges**, **tunnels**, **railways** and **boats** in the world. His designs changed the lives of many people.

Science:

We can predict, experiment and test materials in order to identify the most appropriate material for a building. We can test the strength or if it is waterproof or not. Once we have completed our tests, we can look at our information and the results of our investigations.



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