

Science



What different **materials** do you know?

What are their **properties**?

Property: an attribute quality or characteristic of something.

Find the definition of these properties:

Magnetic

Flexible

Reflective

Hard

Absorbent

Flammable

Permeable

Insulating

Translucent

Transparent

Can you find any other property words?

It is important to select the right material for the right job.



I'm going to make a microwave out of chocolate, mmm chocolate!

Why would this be a terrible idea?

Find 6 - 10 different items in your house.

Record what it is made of, what the properties are, and why they are the right materials for the job.



e.g. Fork - Stainless steel (metal): less likely to rust, corrode and be stained.



Frying Pan - Metal + Plastic: metal to conduct Heat from the job and cook food, plastic to insulate against heat, so you hold it without getting burnt.

Extension: Create a fact file about a scientist and a material they invented. Need some ideas?

Spencer Silver Harry Brearly. John McAdam
Xiaoqing Wang Jacques Brandenberger

Week 1 - Super Sport!

Which mountains can you climb using your stairs?

Snaefell = 3,100 stairs

Snowden = 4,610 stairs

Ben Nevis = 6,550 stairs

Everest = 17,475 stairs

Learn a TikTok Dance!

Come up with your own sport which you can play in the house. Think about what equipment you have, or could improvise with!

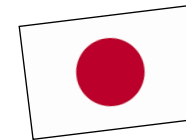
Search: Premier League Primary Stars - there are lots of football related challenges here!

Design a logo, kit and mascot for a sports team - it could be a real team or one you make up!

Try commentating over your favourite sporting clips!

Topic

Unfortunately, the 2020 Tokyo Olympics have been postponed but that doesn't have to stop us getting the spirit!



Plan a dream Olympic holiday!

Imagine you set yourself up in business as a travel agent and you have some customers keen to book a holiday to watch some of the Olympic Games in Tokyo, Japan.

Task One

Have a look at some existing travel company names and logos then create a name and design a logo for your travel company.

Task Two

Plan how your customers will get to Japan and where they will stay. How will they get there? How much will it cost? (try www.skyscanner.com) Choose a hotel for them to stay in (try www.booking.com).

Task Three

Investigate the prices of everyday items such as milk in Japan and make a table comparing those to prices in the Isle of Man. Make a graph keeping track of the exchange rate between Pound Sterling and Japanese Yen.

Task Four

Produce a series of short guides for visitors to the Olympics (these could be leaflets or videos). Things to consider:

- Speaking Japanese
- The history of the Olympics
- Japanese history
- Do's and Don't when in Japan.

