



Year 5 Autumn 2



Home learning

This half term we are going to be continuing our learning about Properties of Materials in our science lessons. In geography, we are learning about the Distribution of Natural Resources. Please choose **at least one** activity from the ideas below to complete.

The deadline for projects to be uploaded to Google Classroom or brought into school is **Monday 15th December 2025**.

Distribution of Natural Resources

1. Food and clothing map: Create a map of the world and use it to show where common foods (like bananas, cocoa, wheat) and materials (like cotton) are grown or sourced.
2. Passport to natural resources: Choose a country and create a "passport" for it, including details about its climate, geographical features, and the natural resources it has, as well as those it trades for.
3. Natural resources collage: Cut out pictures from magazines or newspapers of products that use natural resources, such as cars, clothes, food, and furniture. Create a collage showing the variety of resources needed to make them.
4. UK vs. elsewhere: Compare the natural resources available in the UK with those in another country, such as Chile or a tropical country, to see how location and climate affect what can be found.

Properties of Materials

1. Write down the ingredients and describe the procedure of making a cup of tea/coffee. Use the following vocabulary within your description: dissolved, mixed, agitate & changes.
2. Imagine you are designing a brand new, state of the art, school bag. What materials would you use to make it? It must be waterproof, hard wearing, lightweight and visible in dark areas.
3. Gather materials from within your home and separate them into their properties. For example, materials that float, materials that are rigid and materials that are rough or smooth.