Drove Primary School

Year 1 Science – Term 2
Everyday Materials

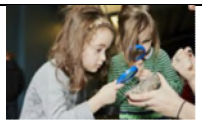
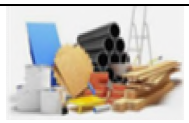
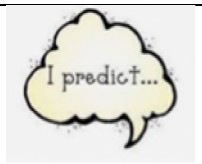
What should I already know?

- Use all their senses in hands-on exploration of natural materials. Materials, including changing materials.
- Explore collections of materials with similar and/or different properties. Materials, including changing materials.
- Talk about the differences between materials and changes they notice. Materials, including changing materials.

Scientific Knowledge:

- Distinguish between an object and the material from which it is made.
- Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.
- Describe the simple physical properties of a variety of everyday materials.
- Compare and group together a variety of everyday materials on the basis of their simple physical properties.

Key Vocabulary and Definitions:

Experiment		A carefully planned test used to find out the answer to something you don't know.
Investigate		To look at or explore something carefully to learn the facts about it.
Material		Anything used for building or making something else.
Object		Anything that has shape or form and can be seen or touched.
Observe		To notice or see something by looking or watching carefully.
Predict		To use your knowledge to say what you think will happen before that thing happens.

Teaching Sequence

1. Exploring materials: wood, plastic, glass, metal and rock
2. Objects and materials
3. Melt and freeze
4. Sink and float
5. Does it absorb water?
6. Investigate materials

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Term 2	Let's Talk (Explorify)
Lesson 1	Zoom in, zoom out : https://explorify.uk/en/activities/zoom-in-zoom-out/cosy-comfort
Lesson 2	What's going on? : https://explorify.uk/en/activities/whats-going-on/spinning-a-yarn
Lesson 3	What if… : https://explorify.uk/en/activities/what-if/all-materials-were-transparent
Lesson 4	The Big Question : https://explorify.uk/en/activities/the-big-question/how-would-you-make-a-shelter-for-a-human
Lesson 5	Zoom in, Zoom out : https://explorify.uk/en/activities/zoom-in-zoom-out/the-space-in-between
Lesson 6	Zoom in, zoom out : https://explorify.uk/en/activities/zoom-in-zoom-out/cosy-comfort