Year 2: Uses of Everyday Materials Knowledge Mat

Subject Specific Vocabulary

flexible	Something that is easily bent without breaking.
transparent	Something that you can see through.
opaque	Something that cannot be seen through.
reflective	A surface that reflects light.
rigid	Something that is impossible or difficult to bend.
plan	To think of actions that you need to do to find the answer to a question or carry out an investigation.
observe	To watch carefully.
compare	To say how things are the same and how they are different.
identify	To work out what something is.
results	To show what you have found out.

Uses of Materials

wood	opaque hard strong	table
metal	shiny smooth reflective	fork
plastic	waterproof bendy translucent	water bottle
glass	transparent waterpoof hard	window
brick	hard rough dull	wall
rock	strong hard rigid	fireplace
paper	tears easily translucent flexible	book
cardboard	dull non-reflective opaque	boxes
fabric	flexible Soft absorbent	clothes

Bending	Foil is bendy and waterproof
Squashing	Plasticine can be easily pushed and pulled
Twisting	You can change the shape of this pencil by twisting
Stretching	This elastic band is very flexible and can be stretched

Important Knowledge

- ❑ I can identify everyday materials: wood, metal, plastic, glass, brick, rock, paper, cardboard.

- ❑ I can explain how suitable materials are for particular uses.

- ❑ I can say which materials can change their shape by squashing, bending, twisting and stretching.

- ❑ I know the shapes of solid objects can be changed by squashing, bending, twisting and stretching.

- ❑ I can ask questions.

- ❑ I can talk about ways to find out an answer to a questions.

- ❑ I can say what data I might collect.