Topic Title: Materials Matter Year 1 Spring 1





Skills Taught:

- Ask simple questions.
- Observe closely, using simple equipment.
- Perform simple tests.
- Identify and classify
- 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
- Classification of everyday materials and the ability to discuss why materials are used for different purposes.

Immersion Activity/Provocation: The Three Little Pigs Story – Building a house for a pig – Lego/ cardboard/ balsa – test with a hairdryer

Key question?

Can you distinguish between an object and what it is made from?

Big Questions:

What is it made from?

Why do we use/ not use that material to make that object?

Can you describe materials?

Describing materials – Sorting and classifying

What are the materials used for?

Why are these materials good for building?

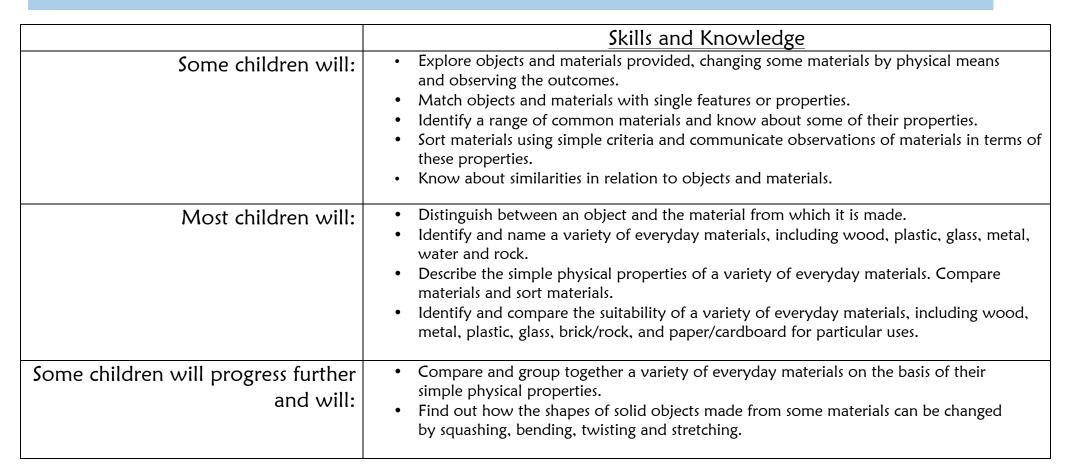
What would be the best material for...?

Topic Title: Materials Matter

Enquiry Question: Why are some materials more suitable than others?



Home





Enrichment/Outdoor Learning: Materials Treasure Hunt/ Feely Bags activities and Feely boxes to encourage descriptive language development Continuous Provision – Investigating with different building materials/ model making with materials discussing the suitability/ Recycle Bus Visit

Animations and videos:

https://www.youtube.com/watch?v=e5h5RgiagrU

https://www.stem.org.uk/resources/community/collection/12725/year-1-everyday-materials

https://planbee.com/products/everyday-materials#

Previously on... (Links to prior learning)

Link to Year EY learning:

Explore collections of natural materials

Describe what they see - properties of everyday materials

Key Vocabulary:

Materials/ objects/ use / sort

Wood/ Plastic/ Glass/ Plastic/ Rock/ Water

Properties/ Hard/ Soft/ Smooth/ Rough/ Waterproof/ absorbent/ Shiny Dull/ See through

Like/ the same/ different

Cross-curricular links:

Information writing - labels

Data handling – sorting and classification

D&T

Celebration of knowledge and skills gained (opportunities for assessment):

- To play a loop game with materials and their properties and uses.
- Link to a design task Pirate Treasure (see above)/ Stretchy Superhero Toy
- What is the best material for ???? Quiz

Non-fiction texts: