

Science—Materials Homework

This half term, in science, we are learning about materials. We'd like your child to complete at least one of these activities. The deadline for this is Friday 7th January 2022 but it can be returned at any point beforehand as well. We have tried to include different activities to try to engage your child's imagination and learning style with a view to better understanding our topic. We hope you enjoy this together. Thank you!

Have a look at what goes in your recycling bin. Find out why we recycle lots of materials. Make a poster encouraging people to recycle..

Go on an outdoors scavenger hunt. Take an empty egg box and write a label inside the lid of the materials you'd like to find.



Use books or the internet to find out about how paper is made. Make a fact file.

Indoors or outdoors, make a shelter. Collect some different materials indoors (e.g. foil, plastic, card, cotton) and/or outdoors (e.g. sticks/leaves) Use these to make a mini shelter for a toy. Can you make it waterproof? Which material is best? Can you test it?



Look in your toy box or around your bedroom. Can you find a toy made out of each material you have learnt about? Why is each material used? How can you record your findings?

Investigate which materials would be best to make a cage for a hamster, who is trying to escape. Which materials will stand up to being nibbled by a hamster's teeth? Can you design and label it? What will it have inside too?

