

Science Instructions for the week

Monday and Tuesday

Carryout a fair test of materials.

You will need: *A toy car and different materialled surfaces*

Children will need a toy car and some different surfaces. They will then carry out an experiment on which surface a car can travel the furthest on.

Remember, you need to keep this a fair test so pushing the car along the surface may not be fair as you can not measure the effort put into the push. Think how gravity could help you with this. Maybe a ramp leading to the different surfaces.

You will need to use words such as resistance, smooth, bumpy etc. You will then need to explain why the car did or didn't go as far.

Once you have done this then add pictures and explain your results using the 2do task set.

Thursday and Friday

Which materials are reversible and irreversible?

You will need: *water, container, freezer, food to cook (any), candle/paper/wood*

A reversible change is a change which can be undone, and an object can be changed back to its original state.

Even though the material has changed state, it has not created a new material.

An irreversible change however cannot be undone. If a material changes its state and cannot be changed back into its original material, this is an irreversible change.

You will need to investigate 3 materials and whether you can change them back to their original state.

Please Investigate: Freezing water, Cooking food, Burning a candle/wood/paper. All to be done with supervision.

Insert a picture of the material before and after each experiment and then give a brief description of what you found out and maybe why it happened.

Is the material reversible or irreversible?

Good luck!