

Science- Fossils

Curriculum Area: Science

Topic: working scientifically, plants, everyday materials, living things and their habitats, states of matter, properties and changes of materials


Age- group: EYFS/KS1/KS2

Equipment:


- Gratnells F1 tray
- Toy dinosaur
- Jug
- Water
- Play doh
- Plaster of Paris
- Spoon

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What to do:

1. Take your play doh out of the tub creating a well shape
2. Using your dinosaur toy imprint this into the play doh
3. Mix your plaster of Paris and water in the jug using the spoon (ratios will be dependent on the make you are using, please follow instructions on the packet)
4. Pour your plaster of Paris solution into the play doh
5. Leave to set
6. Carefully remove the now fossil from the play doh

Next Steps:

- Would you be able to make fossils/casts of other plants and animals?
- Investigate the time it takes to set, depending on the temperature of water.

Big questions:

1. Are you able to link this investigation to change of state? What happens to your casting material?
2. How are fossils made in the 'real world'?



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