

## Science - Home Learning

- Recap different materials and what different things are made of. Why are things made of these materials?
- Cinderella experiment

Cinderella is very annoyed as the Ugly Sisters keep spilling things all over the floor. She is looking for a material which will quickly absorb the mess. You are scientists and you are going to investigate what material is the best to absorb liquid. Put some water on a plate and use various materials to absorb the water. Record on a piece of paper or via photos which material is the best at absorbing the most liquid.

### Humpty Dumpty experiment

Humpty Dumpty is fed up of falling off the wall and cracking his shell. Challenge the children to design a package that keeps Humpty Dumpty (an egg) safe when he falls from his wall.

They can use materials they like, but they should try to use as few as possible. Give them time to test out different materials - they can use a golf ball (or similar) as a substitute for an egg until the real test.

The finished design should be dropped by an adult, from a desk or other surface about a metre off the ground. You might want to cover the floor with newspaper if testing the designs indoors.

If the children could take or draw pictures of what they find out.