

Science

Sometimes when physical changes happen to materials, that is them like that forever - these are called **irreversible changes**. Often, a new material is made.

INVESTIGATION TIME!

Where you have the resources at home, see if you can complete any of these irreversible changes. Record what you do and then what happens to the material in a table - you could take photographs of the process and describe too. Can you get it back to it's original state?

Heating
an egg

Heating
bread

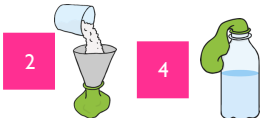
Heating
potatoes



Mixing vinegar and bicarbonate of soda

1. Wear safety glasses.
2. Place 50g of bicarbonate of soda in a balloon (make a cardboard cone to pour).
3. Place 50ml of vinegar in a bottle.
4. Carefully stretch the neck of the balloon over the bottle without letting any of the bicarbonate of soda spill into the bottle (you could hold it in place by tying a bobble).
5. Lift up the balloon to tip the powder into the vinegar.

Repeat with double the bicarbonate of soda and vinegar!



Burn a candle

1. What part of the candle burns?
2. Blow out the candle and hold a flame back to the wick without touching it. What happens?
3. What does this tell you about what is burning?



**Be careful when
carrying this
out!
Ask an adult
for help!**

Week 3 - Excellent Egyptians!

Walk like an Egyptian and film yourself - there is a song that will go along with this well!

Design your own Ancient Egyptian death mask.



Write secret codes using hieroglyphics.

Your own mummification!

You will need:

- Half an apple
- Knife
- 40g baking soda
- 80g salt
- 2 cups

Instructions:

1. Cut the half apple in half.
2. Put a quarter of the apple in each cup.
3. Mix together salt and baking soda - this is our natron.
4. Pour the mixture into only one cup making sure the apple is fully covered: this is your mummified apple.
5. Leave both cups out of direct sunlight for one week.
6. 1 week later: uncover the mummified apple piece and compare the two.

Topic

Create an information poster all about the Ancient Egyptians. Your poster could include:

- A timeline of key events.
- A map - What countries was it near? What cities or landmarks were in Ancient Egypt?
- Who was in charge?
- What other Gods and Goddesses were there?
- Why was the River Nile so important to them?
- Who is Tutankhamun?
- What are hieroglyphics?
- What artefacts have been found that tell us about Ancient Egyptian time?
- How did they build the pyramids?
- What is mummification?

You could also create a keynote or video showing your information.

Useful websites are:

- www.primaryhomeworkhelp.co.uk
- www.ducksters.com
- www.historyforkids.net
- www.kids.nationalgeographic.com

RE

The Story of Moses

Watch this video retelling the story of Moses and the 10 plagues.

https://www.youtube.com/watch?v=Qq_mtBE_P4U

Retell the story by either:

1. Telling someone at home and getting them to write down what happened.
2. Write or film a news report.
3. Re-write it as a narrative story.
4. Create an animation like the one you watched.

