



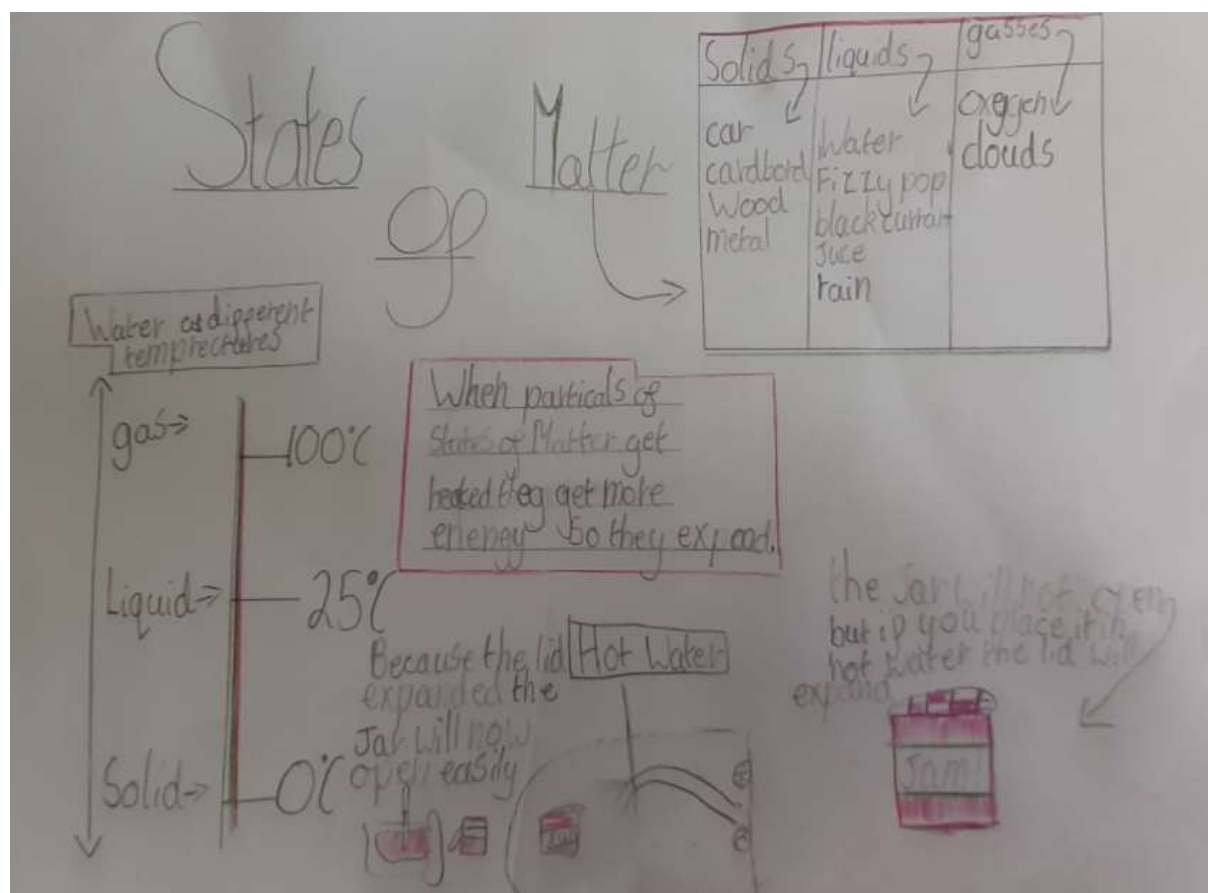
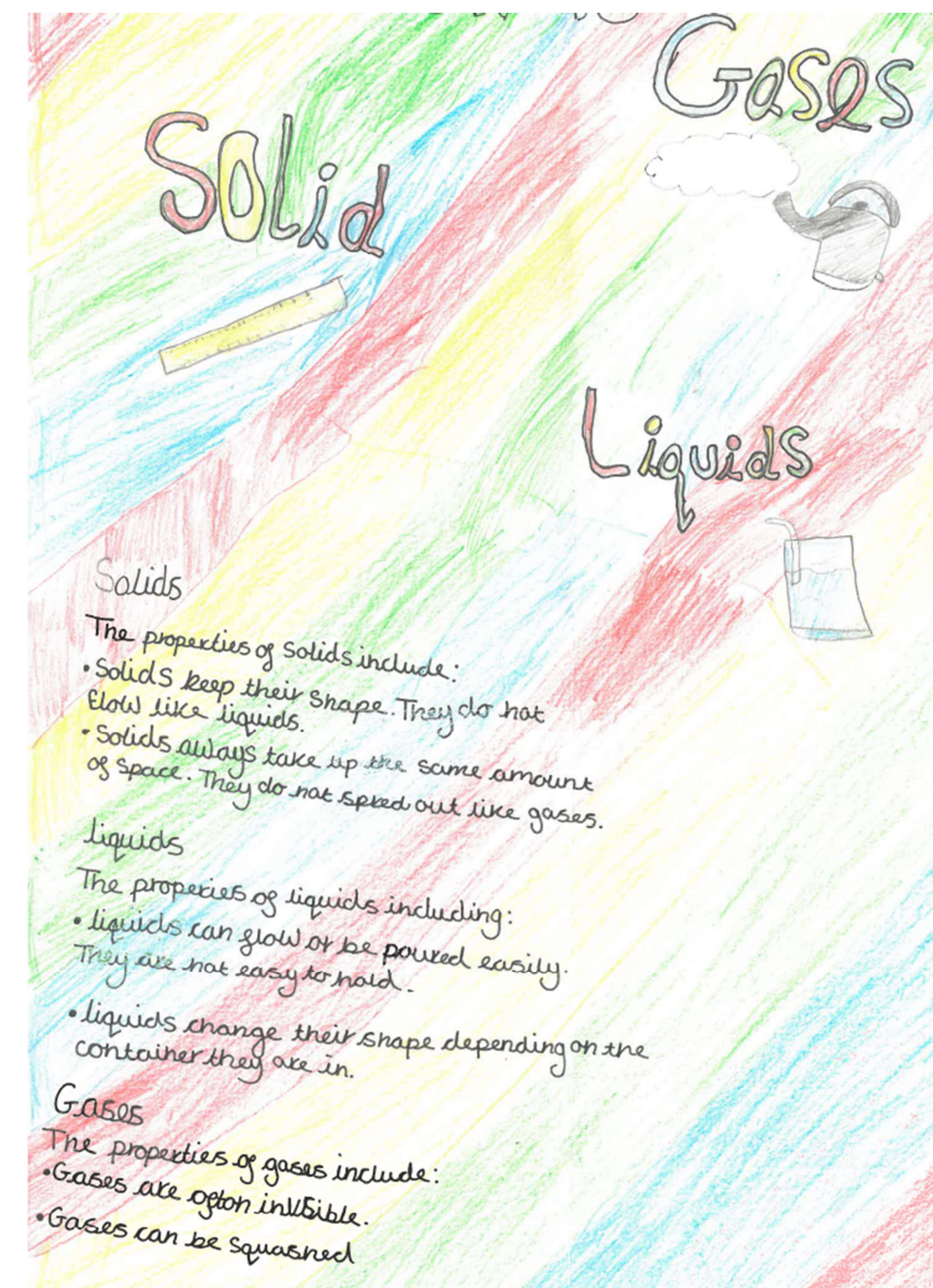
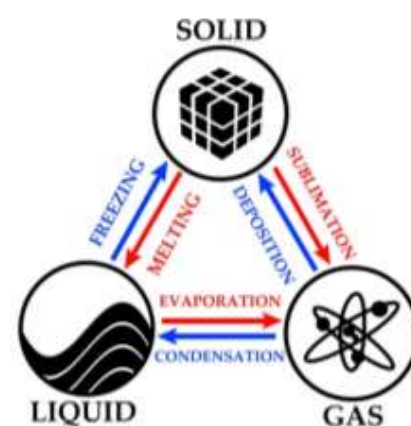
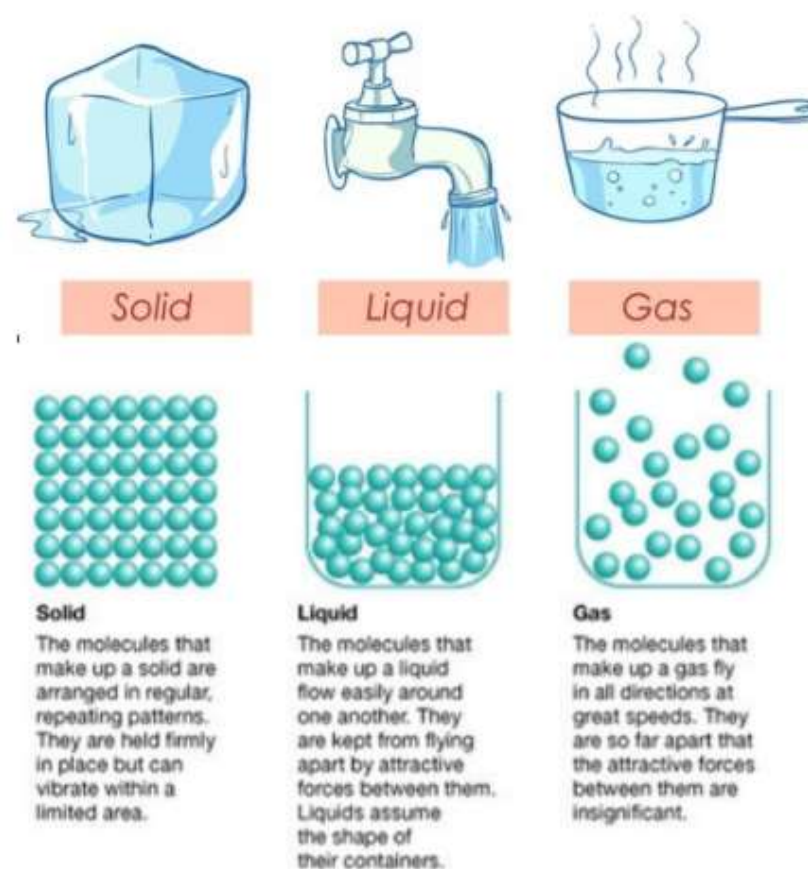
Spotted Owl Wall of Fame



Here is a selection of some brilliant work produced by Spotted Owl class this week.
Keep up the amazing work everyone!

In Science this week, we created posters, fact files and information booklets to show what we have learnt this half term during our Science topic 'States of Matter'.

What are States of Matter?



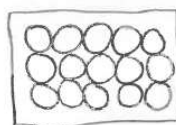
States of matter



SOLIDS

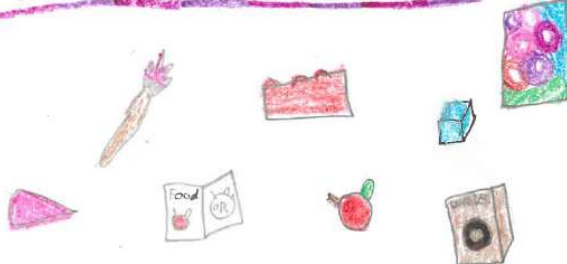
Properties of Solids

- Solids cannot be compressed
- Solids Do not glow
- Solids have a fixed shape



Solid Particles are touching in ordered rows.

all of those items are Solids!

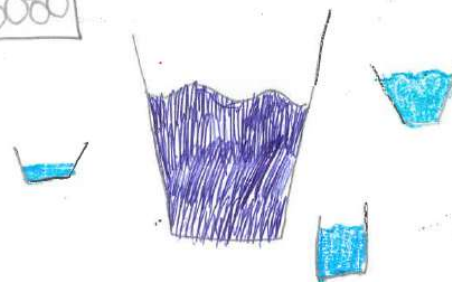
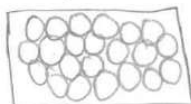


Liquids

Properties of Liquids

- Liquids cannot be compressed
- Liquids can glow
- Liquids can take the shape of the container

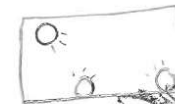
Liquids Particles are touching in a random arrangement



Gases

- Gases can be compressed
- Gases can glow
- Gases can fill the shape of their container

Gases are far apart from each other



Heating or Cooling a substance

Cooling

decreasing the temperature - Particles have less Energy - the Substance contracts.

Heating

Increasing the temperature - Particles have more energy - the Substance Expands.



Substances that do not fit into one state of matter

Jelly



Jelly is like a solid because it has a fixed shape but Jelly is like a liquid because the Particles can slide over each other.

Sand

Sand is like a solid because it can not be compressed and it has a fixed shape. but Sand is a liquid because it takes the shape of the container and it flows.



Non Newtonian Fluid

a non newtonian Fluid is a Substance that acts different when a force is applied.

Little or no force applied - Liquid

Large force applied - SOLID

This Substance can be custard with Lots of cornflour in.

Did you know if you made it right you could actually walk on custard!

Experiment

How Do you make non-newtonian fluid

Equipment:

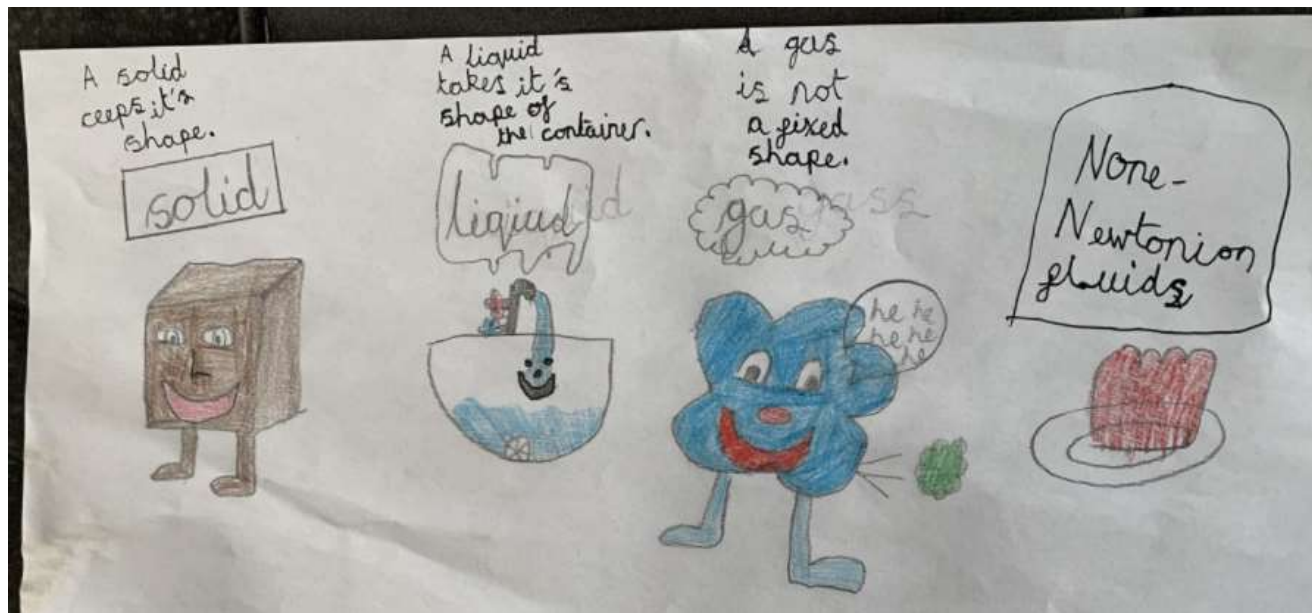
- 1 cup of water - a bowl
- 2 cups of cornflour - a spoon

Method:

- 1) Place the cornflour in the bowl
- 2) Add the water (and food coloring if your using some)
- 3) Stir the flour very slowly

1. Try quickly Grabbing your non-newtonian fluid
2. Try Slowly releasing your hand
3. Try to drag your hand through quickly then slowly
4. Try to tip the bowl to the side quickly
5. try to tip the bowl to the side slowly
6. Try to pick it up and Squashing it into a ball.

This is messy!



STATES OF MATTER

liquid

Liquid is water and it flows but you can hold it with your hands. We wouldn't be able to survive because we need to drink. It can take the shape of the container that it's in.

You can't see gas but it spreads out everywhere. Without air we wouldn't be able to survive because we breathe air.

solid

Solids are most of our foods. Without solids we wouldn't survive because they build us shelter. Solids have a fixed shape.

STATES OF MATTER

1. **Liquid**

Liquid is one of the three states of matter. It can be compressed and flows and takes the shape of its container.

2. **Solid**

Solids are the second thing. It can't be compressed. It flows and takes the shape of its container.

3. **Gas**

Most gases you can see are up in the sky. They glow and take the shape of their container.

In English this week, we spent time re-drafting and up-levelling sentences in our diary extract that we wrote from Lillian's point of view – the main character from our text driver this half term 'The Secrets of a Sun King'.

Dear Diary

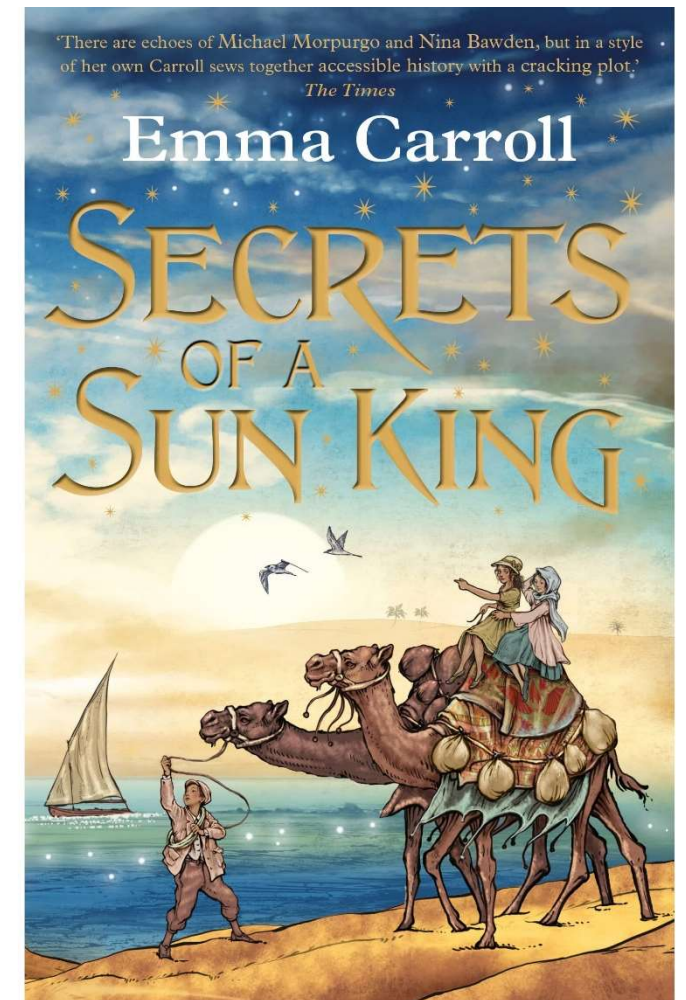
It has been a crazy day sitting on my desk hiding from mum and dad! Crazy right! I went to the hospital to speak to grandad about this jar that I found at his door step yesterday. AS soon as I got there a horrible nurse didn't let me through she said visiting times starts at 2. I was ~~as~~ then lightning I ran out of the door so she didn't see my ~~horrible~~ horrible bright red jumper I was walking until I heard about this ancient king. I hid my jar under my coat so the local news boy didn't see.

After I arrived at the ~~the~~ museum I felt nervous if someone was going to peep on me. I really wanted to know about this jar. I kept on asking myself "Should I be here?" but I'll do for grandad. I went to my favourite part of the museum where all the Egyptian things are. I thought that the room was empty while I was at the end of the stairs but I saw two people. I saw a horrible bright red uniform on them. I went to talk to them. Feeling nervous I slowly walked towards them then a tube tumb that professor Harwati found caught my eye. I thought the jar might ~~have~~ been connected. I started to talk and their names were Oz and twilio.

AS I WAS chatting a lady walked in with very posh clothes and she looked very nice. My mum wouldn't dare walk in these clothes. I thought she would start to shout but ~~she~~ she kept pretty calm. AS soon as they ~~walked~~ ^{walked} out of the door it was ~~very~~ ^{quite} dull. So I decide to go to grandad but I have no money I guess I have to walk home. I went to get my bag but it wasn't there. ~~I was~~ ^{I was} ~~up there~~ ^{up there} and I ~~forgot~~ ^{forgot} it when I left the shop. ~~that I was going to get it~~ ^{that I was going to get it} ~~from the book and pen~~ ^{from the book and pen}. That's alright ~~for~~ ^{for} my bag at least I have a excuse to see them again.

I have to get that jar back and I have to go to this posh house and mum and dad don't know that I am not at school. Do I have to skip school one more time? What do I do! diary tell me before I explode. ~~well~~ ^{well} ~~that was~~ ^{that was} well.

Lillian.



A group of children have been looking at Instructional writing this week. In one lesson, we looked at instructions on 'How to make a Jam Sandwich'. Then, we sequenced the instructions into the correct order.

What you need:

Bread Butter Knife Jam

Get two slices of bread.

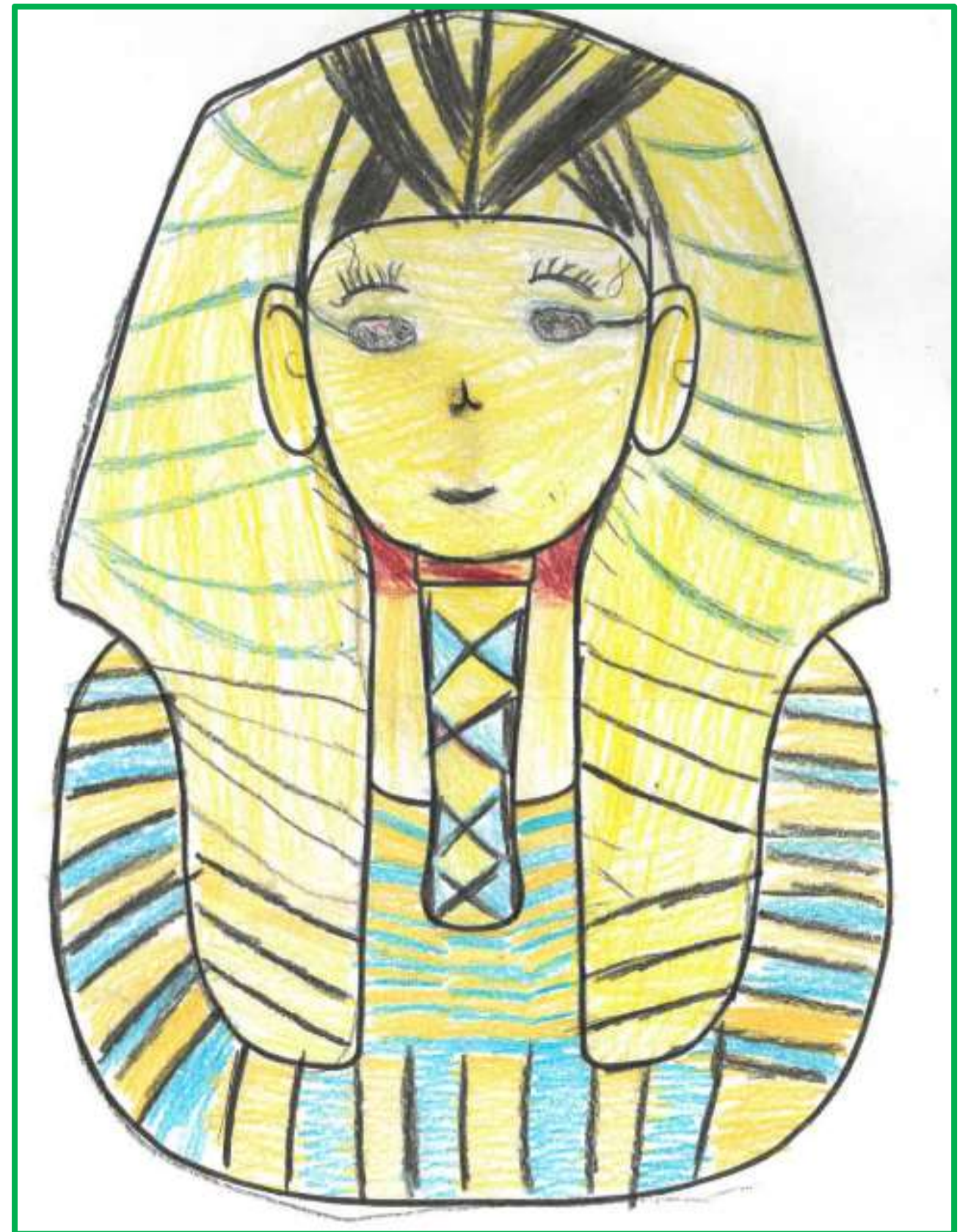
Get some jam, some butter and a knife.

Spread the butter onto one slice of bread.

Spread the jam onto one slice of bread.

Place the other slice of bread on top.

Eat your sandwich.



In History this term, our topic is Ancient Egyptians. This week, we used the internet and a range of different books to research who Tutankhamun was and his role in Ancient Egypt. When Tutankhamun died, he was buried in a tomb and wore a death mask. We designed our own death mask for Tutankhamun ready to create it out of paper mache.