



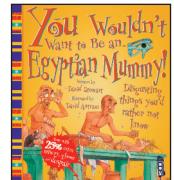
Mummify an orange!

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(www.yac-uk.org)

It's a good idea to wear old clothes or an apron when you are mummifying an orange as it is a mucky and sticky activity! Start by choosing an orange to mummify. Use a sharp knife to make a cut right through the skin of your orange, from the top to the bottom. Be careful when using a knife, and ask an adult for help if you need it. The skin of your orange may be quite tough. With a teaspoon, scoop out all of the fleshy insides of your orange, and throw them away. Because it gets very sticky and messy, it is a good idea to do this over your bowl to catch all the drips of orange juice! Once your orange is completely empty, the next step is to stuff it with lots of kitchen paper or toilet roll to soak up any left-over juice. Your orange needs to be completely dry inside, so keep repeating this step until the paper comes out of the orange dry. When ancient Egyptians mummified bodies, they used frankincense to make the body smell sweet. Instead of frankincense, sprinkle a spoonful of cinnamon and some cloves into your orange. Mix the salt and bicarbonate of soda together in another bowl; your mixture should be about half salt and half bicarbonate of soda. Spoon the mixture into the orange until it is full up. It is now time to wrap up your mummy. You can use either a roll of crepe bandage, or strips of material. Before you start to wrap, ensure that the slit is tightly closed by pushing it together. Wrap the bandage or material around the orange until it is completely covered. Tie a knot in the end or use a safety pin to keep the bandage in place. Your mummy orange now needs to be left somewhere warm and dry. Check on it regularly to see what happens. Over several weeks, you will notice that it has shrunk, and that the skin has gone darker and more leathery – just like a real mummy!



The eight step-by-step photographs above are not in the right order! Cut them out, and put them into the correct sequence. Use them on your instructional text activity sheet.

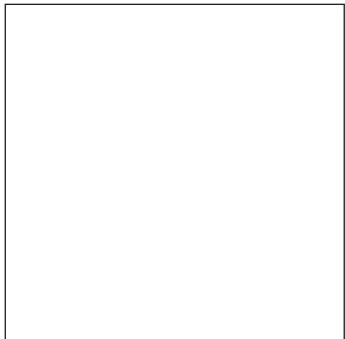




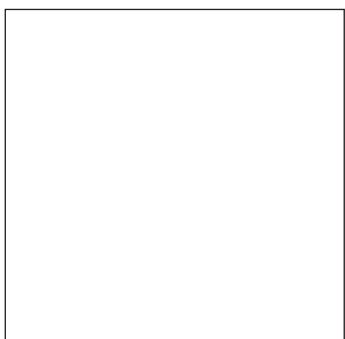
How to mummify an orange!

Name: _____

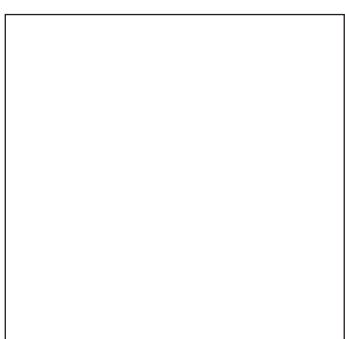
You will need: _____



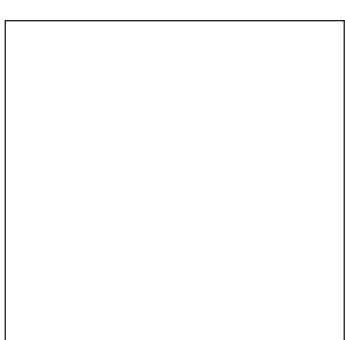
Step 1: _____



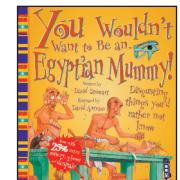
Step 2: _____



Step 3: _____



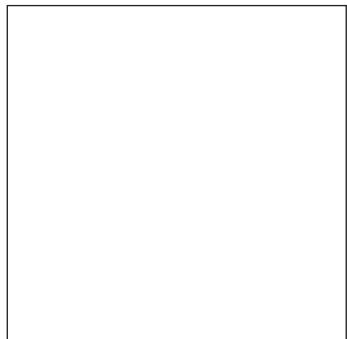
Step 4: _____



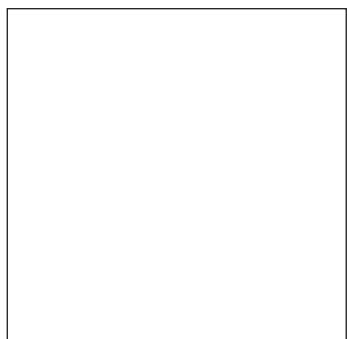


How to mummify an orange! (continued)

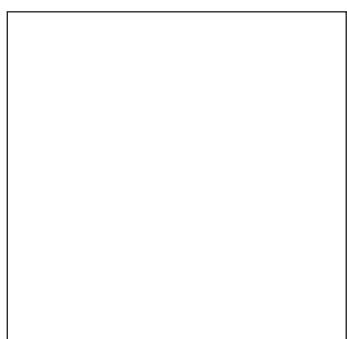
Name: _____



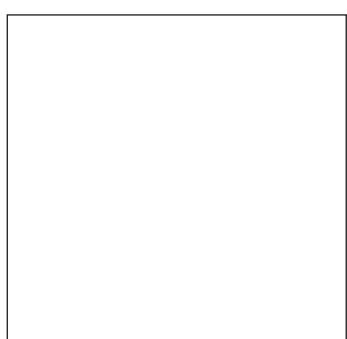
Step 5: _____



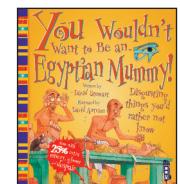
Step 6: _____



Step 7: _____



Step 8: _____





Mummify an orange!

Observation and recording sheet

Name: _____

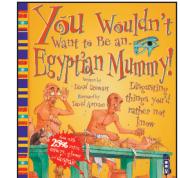
Date of mummification: _____ Date of observation: _____

Location of mummified orange: _____

Observation number: _____

Photo or drawing

Observation:





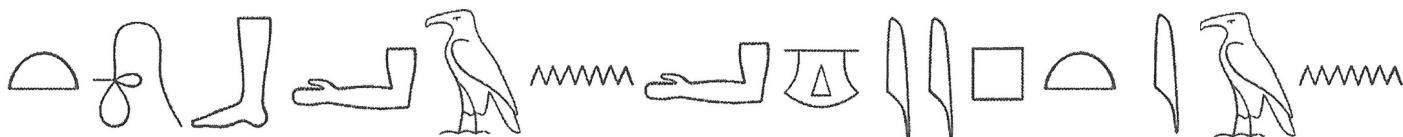
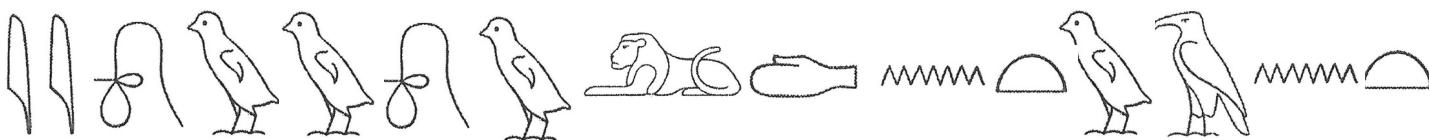
Fun with hieroglyphs!

This activity is based on a version by the Young Archaeologists' Club (www.yac-uk.org)

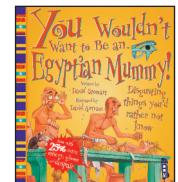
Ancient Egyptians used a form of picture writing, called hieroglyphs. There were thousands of different symbols. Each symbol could mean a whole word (called an 'ideogram') or a single sound (called a 'phonogram'). There was no punctuation, or any space between words. What's more, Egyptian hieroglyphs could be written from right to left or left to right, and sometimes from top to bottom. It's hardly surprising that very few ancient Egyptians could actually write!

The table below shows the hieroglyphic phonograms for each single sound in the modern alphabet. Use the table to translate the secret message below. It is written from left to right, like modern English. Can you write your own secret message for a friend to decode?

a		b		c/k		d		e	
f/v		g		h		i		j	
l		m		n		o		p	
q		r		s		t		u/w	
x		y		z					



The message says:





Hieroglyphic maths! (1)

Name: _____

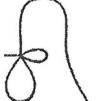
Can you work out what number has been replaced by the hieroglyph in these number sentences?
Why not try writing your own hieroglyphic maths questions using addition and subtraction?

Examples: $6 + \square = 10$ $\square = \boxed{4}$ and  $- 2 = 8$  $= \boxed{10}$

1) $9 + \square = 10$  $= \boxed{}$

2) $10 - \square = 3$  $= \boxed{}$

3) $5 + \square + 2 = 10$  $= \boxed{}$

4) $13 - \square = 5$  $= \boxed{}$

5) $3 + \square = 12$  $= \boxed{}$

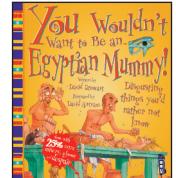
6)  $- 16 = 4$  $= \boxed{}$

7)  $+ 7 = 15$  $= \boxed{}$

8)  $- 24 = 5$  $= \boxed{}$

9)  $+ 17 = 25$  $= \boxed{}$

10)  $- 13 = 9$  $= \boxed{}$





Hieroglyphic maths! (2)

Name: _____

Can you work out what number has been replaced by the hieroglyph in these number sentences?
Why not try writing your own hieroglyphic maths questions using division and multiplication?

Examples: $20 \div \text{△} = 4$ $\text{△} = \boxed{5}$ and  $\times 6 = 24$ \boxed{4}

1) $16 \div \text{---} = 4$  = $\boxed{\quad}$

2) $21 \div \text{---} = 3$  = $\boxed{\quad}$

3) $50 \div \text{△} = 10$  = $\boxed{\quad}$

4) $24 \div \text{---} = 12$  = $\boxed{\quad}$

5) $99 \div \text{---} = 11$  = $\boxed{\quad}$

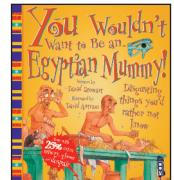
6)  $\times 4 = 12$  = $\boxed{\quad}$

7)  $\times 5 = 25$  = $\boxed{\quad}$

8)  $\times 3 = 27$  = $\boxed{\quad}$

9)  $\times 10 = 40$  = $\boxed{\quad}$

10)  $\times 2 = 16$  = $\boxed{\quad}$





Hieroglyphic maths! (3)

Name: _____

Can you work out what number has been replaced by the hieroglyph in these equations?
Why not try writing some of your own hieroglyphic maths equations too?

Examples: $2 \text{ } \square = 4$

$$\text{ } \square = \boxed{2}$$

and

$$3 \text{ } \square + 7 = 13$$

$$\text{ } \square = \boxed{2}$$

1) $2 \text{ } \square = 10$  =

Use this box for your working

2) $3 \text{ } \square = 12$  =

3) $2 \text{ } \square + 10 = 30$  =

4) $5 \text{ } \square + 5 = 15$  =

5) $3 \text{ } \square + 3 = 24$  =

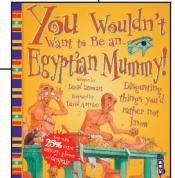
6) $7 \text{ } \square - 6 = 8$  =

7) $9 \text{ } \square - 2 = 34$  =

8) $4 \text{ } \square - 3 = 29$  =

9) $3 \text{ } \square \div 4 = 3$  =

10) $8 \text{ } \square \div 6 = 4$  =





Hieroglyphic maths! (4)

Name: _____

Give three alternative correct values of and in the following equations:

$$1) \quad \text{} + \text{} = 10$$

$$2) \quad \text{} - \text{} = 16$$

$$\text{} = \boxed{} \text{ and } \text{} = \boxed{}$$

$$\text{} = \boxed{} \text{ and } \text{} = \boxed{}$$

$$\text{} = \boxed{} \text{ and } \text{} = \boxed{}$$

$$\text{} = \boxed{} \text{ and } \text{} = \boxed{}$$

$$\text{} = \boxed{} \text{ and } \text{} = \boxed{}$$

$$\text{} = \boxed{} \text{ and } \text{} = \boxed{}$$

$$3) \quad \text{} \times \text{} = 24$$

$$4) \quad \text{} \div \text{} = 2$$

$$\text{} = \boxed{} \text{ and } \text{} = \boxed{}$$

$$\text{} = \boxed{} \text{ and } \text{} = \boxed{}$$

$$\text{} = \boxed{} \text{ and } \text{} = \boxed{}$$

$$\text{} = \boxed{} \text{ and } \text{} = \boxed{}$$

$$\text{} = \boxed{} \text{ and } \text{} = \boxed{}$$

$$\text{} = \boxed{} \text{ and } \text{} = \boxed{}$$

$$5) \quad \text{If: } \text{} + \text{} = 10$$

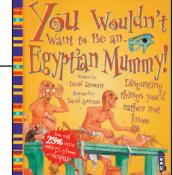
Use this box for your working

$$\text{And: } 3 \text{} - \text{} = 6$$

What are and ?

$$\text{} = \boxed{} \quad \text{} = \boxed{}$$

<p>5) If: + = 10</p> <p>And: 3 - = 6</p> <p>What are and ?</p> <p> = <input type="text"/> = <input type="text"/></p>	<p>Use this box for your working</p>
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Stock the tomb!

You've been picked to help stock the tomb of a rich Egyptian.

A rich Egyptian would need to ensure that they had everything that they needed in their tomb for the afterlife.

You can put **five** things from the list below into the tomb. What will you choose – and why?

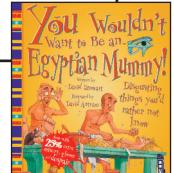


Name: _____

Tick the five items that you have chosen to put inside the mummy's tomb:

- | | |
|---|---|
| <input type="checkbox"/> Papyrus scroll of <i>The Book of the Dead</i> to guide the mummy through the underworld
<input type="checkbox"/> Egyptian board game, such as senet
<input type="checkbox"/> Headrest and bed
<input type="checkbox"/> Elaborate chest for belongings
<input type="checkbox"/> Wine
<input type="checkbox"/> Food, including grapes and figs
<input type="checkbox"/> Clothing
<input type="checkbox"/> Food bowls and pots | <input type="checkbox"/> <i>Shabtis</i> – these were little figurines of servants which did a dead Egyptian's work!
<input type="checkbox"/> Jewellery
<input type="checkbox"/> Amulets to protect the mummy from harm
<input type="checkbox"/> Gold funerary mask
<input type="checkbox"/> Model boat to sail through the afterlife
<input type="checkbox"/> Weapons
<input type="checkbox"/> <i>Stele</i> – little slabs of stone or wood inscribed with religious texts or messages to the gods to ask for blessings |
|---|---|

Use this box to explain your choices:





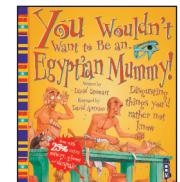
My Egyptian god!

Name: _____

My Egyptian god is called: _____

About my Egyptian god: _____

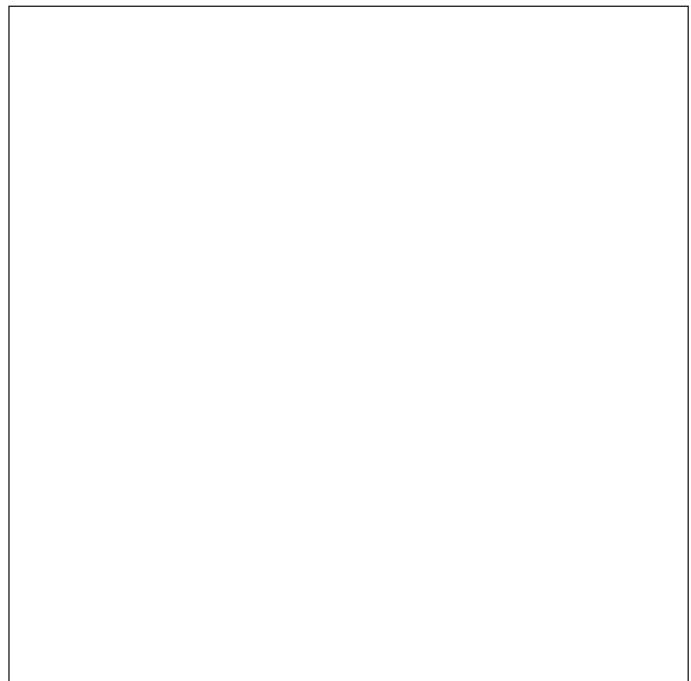
A picture of my Egyptian god



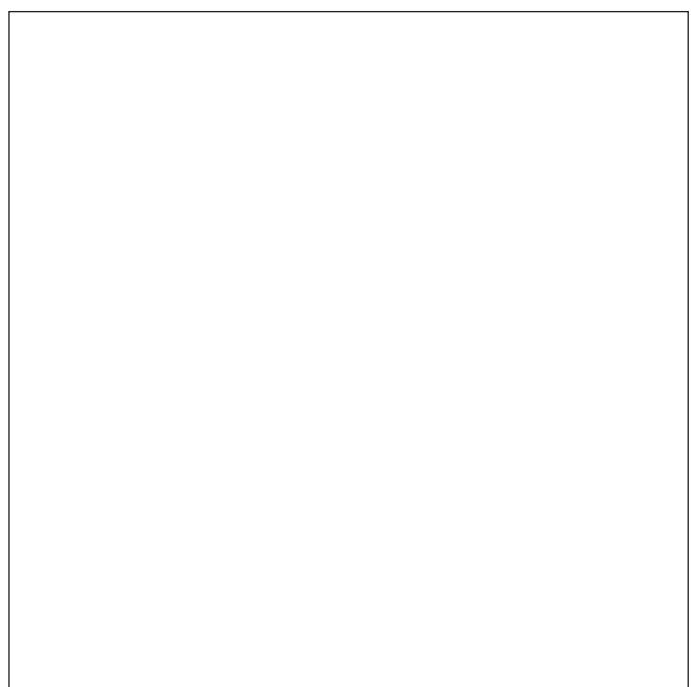


Design your own amulets!

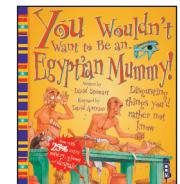
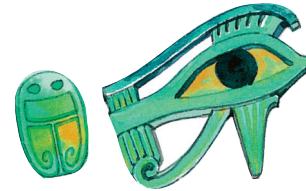
Name: _____



About my amulet and its special powers:



About my amulet and its special powers:





Design a death mask!

Name: _____

