

# Creating accessible fixed layout EPUB3 for schools and colleges

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## Complexity cancels accessibility as well as ubiquity

- Over the past year and a half, we have dropped a range of existing, proprietary ebook formats in favour of fixed layout EPUB3
- At the same time, we have created a lightweight HTML5 EPUB3 player to replace a number of existing ebook players
- Workflow and player support EPUB3 Media Overlays with text highlighting
- The goal is to use the player for all Schools and Colleges ebook publishing at Primary and Secondary level
- We are live to customers on four Pearson Schools and Colleges platforms today

An accessible component

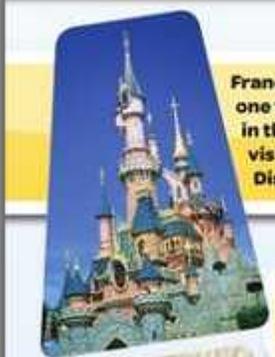
# Module 1 C'est perso

1

Did you know that French ...  
... is spoken by 270 million people worldwide and is the official language of 30 countries?  
... was the official language in England for 300 years? If you'd been born in 1100, you might have spoken French with your friends!



French people love cartoon books – known as *les bandes dessinées* or *les BD*.



France is the number one tourist destination in the world. The most visited tourist site is Disneyland® Paris.

Can you name these French cartoon characters?

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People call France 'l'Hexagone'. Why do you think this is?



If French people know each other well, they kiss each other on each cheek once, twice or up to four times to say hello and goodbye! If they know each other less well, they tend to shake hands.



53 million people in France have a mobile phone. More than enough for you to phone one up.  
In France under 14s change their mobile every nine months.



In France people celebrate their name day if they have been named after a saint.



The horses were unbelievably strong. It was all Hylas could do to hang on to the reins and stay in the chariot.

A glance over his shoulder told him this wasn't going to work: he was trailing a cloud of dust a blind man could have followed. Then he saw a fork up ahead. The track on the right was wide enough to take the chariot, but the one on the left was narrow and plunged into reeds; he guessed it led to the river.

Tugging at the reins with all his might, he yanked the horses' heads to one side and brought them to a squealing halt, then leapt down and started frantically **unhitching** Jinx. Jinx stamped and tried to bite, but somehow Hylas got him free of the yoke without tangling up the reins. That left Smoke **hitched** to the chariot. A slap on the rump sent him thundering down the wider trail with the chariot bouncing behind him. With luck the Crows would follow its dust, and only discover the trick when it was too late.

Hylas scrambled on to Jinx's back, and the horse was so startled he shot off at a gallop. Hylas had ridden donkeys

before, but never a horse – and Jinx *hated* being ridden. Clutching fistfuls of mane, Hylas clung on grimly. Reeds whipped his face and his food sack thumped against his back. Jinx tried to scrape him off under a willow. Hylas ducked, bashing his cheek on the horse's bony withers.

After a battle that went on forever, Jinx jolted to a halt and refused to go on. With a snarl, Hylas slid off and hauled him down the riverbank to drink.

The reeds made a stifling green tunnel, and the rasp of the crickets was so loud that if the Crows came after him he'd never hear them. He was worried about Telamon. *I'll head them off in the wrong direction . . .* How would he manage that without getting killed?

Watching Jinx munch giant fennel, Hylas realized he was ravenous. He'd left Telamon's provisions in the chariot, but he still had his food sack. Grabbing olives and a hunk of cheese, he ate some and offered a bit to Jinx. The horse flattened his ears and bared his teeth.

His flanks were dark with sweat and criss-crossed with fine black scars. Hylas had scars too, from Neleos' beatings. 'Poor Jinx,' he said.

Jinx shot him a wary look.

Hylas put the cheese and a couple of olives on the ground. Jinx snuffled up the olives and stamped on the cheese.

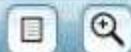
Hylas moved to stroke the steaming neck. 'You're not so bad, are you? You just don't like being beaten.'

Jinx reared, lashing out with his front hooves. Hylas jumped out of the way – the reins whipped through his hands – and Jinx went crashing off into the reeds.

Hylas raced after him, but Jinx was gone.

First Issi and Scram, then that dog, then Telamon, and now Jinx. Some malevolent spirit didn't want him to have any friends.

'Well then all *right*,' he muttered. 'I'll go it alone.'



## Accessibility support

- Media overlays
- Descriptions
- Reading order
- Document structure
- Metadata

all-about-mummies - page 20/24 - Kernery

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Metadata

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Creator: Dianne Irving

ISBN: 9780433004660

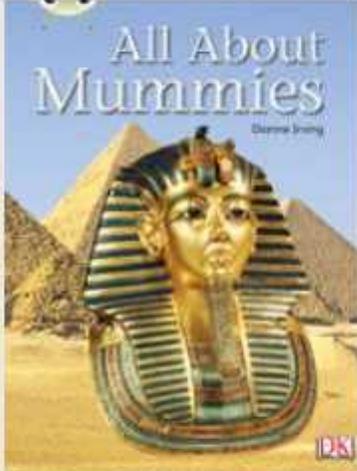
Subject: Mummies

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Audio sync

Verso start

Cover



Set cover... Generate

Cover Contents Audio FX

# King Tutankhamun

The most famous Egyptian mummy is Tutankhamun's mummy which was found in 1922. Tutankhamun (say **Toot-an-ka-moon**) was a young king. He became the king when he was 9 years old! But he died when he was 19 years old.

Text field (2/15)

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<b>King &nbsp;&nbsp;Tutankhamun</b>
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Alt text

background image

Page number

Page 20

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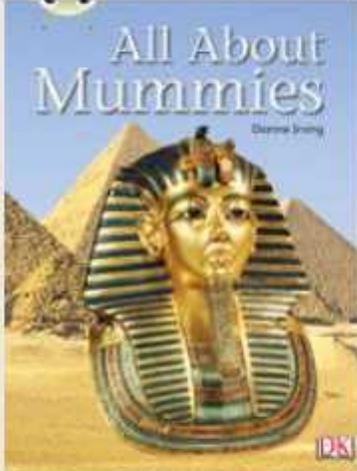
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Cover



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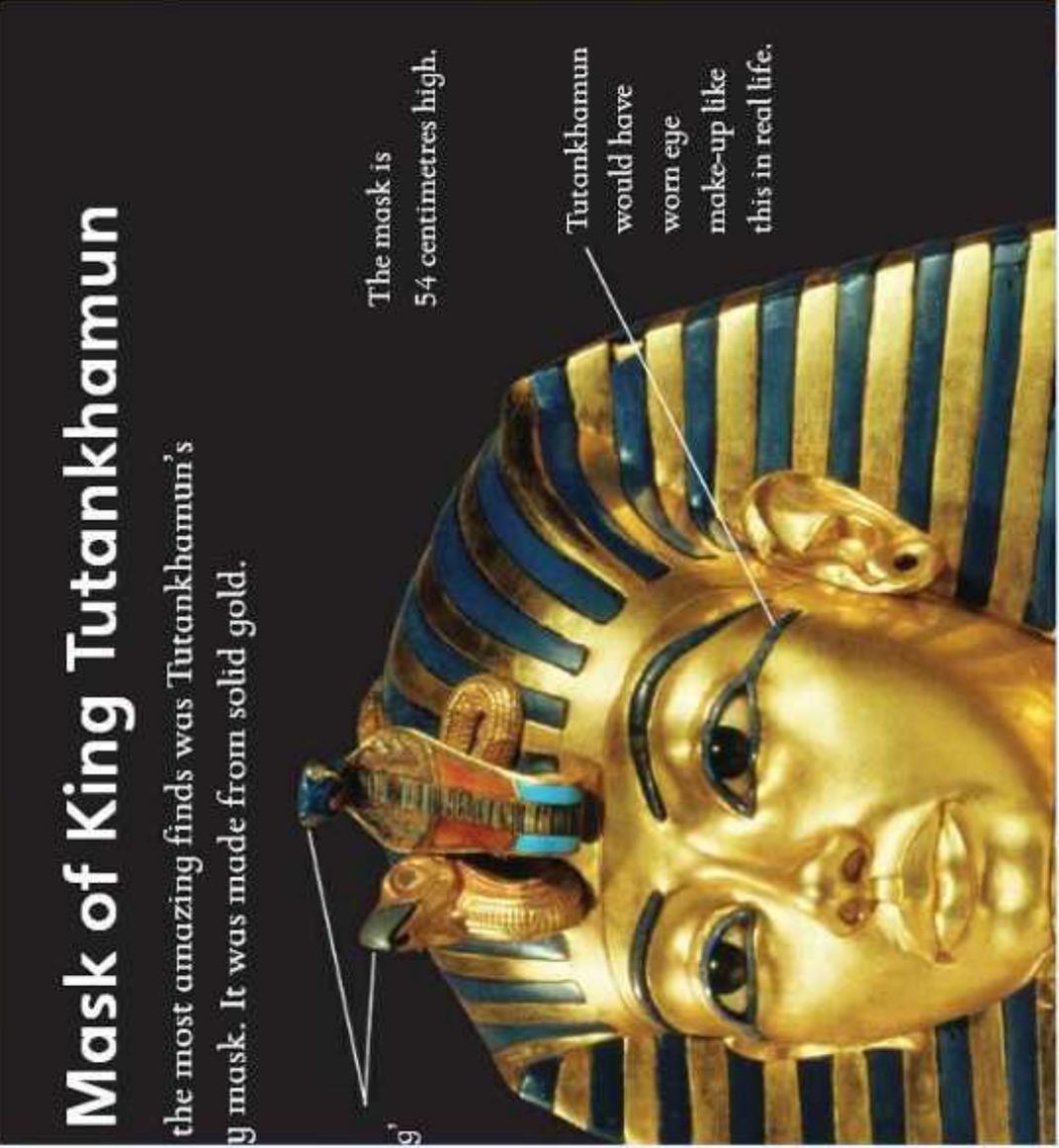
Cover Contents Audio FX

# Mask of King Tutankhamun

the most amazing finds was Tutankhamun's mask. It was made from solid gold.

The mask is 54 centimetres high.

Tutankhamun would have worn eye make-up like this in real life.



Text field (1/68)

**22**

Alt text

background image

Page number

Page 22

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all-about-mummies - page 3/24 - Kermery

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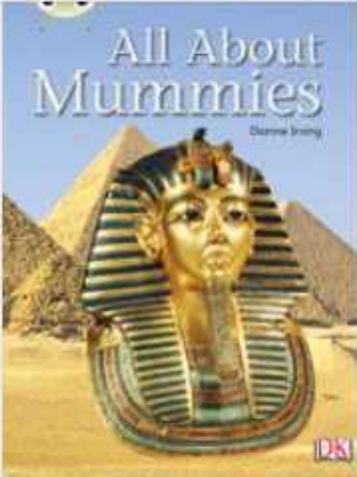
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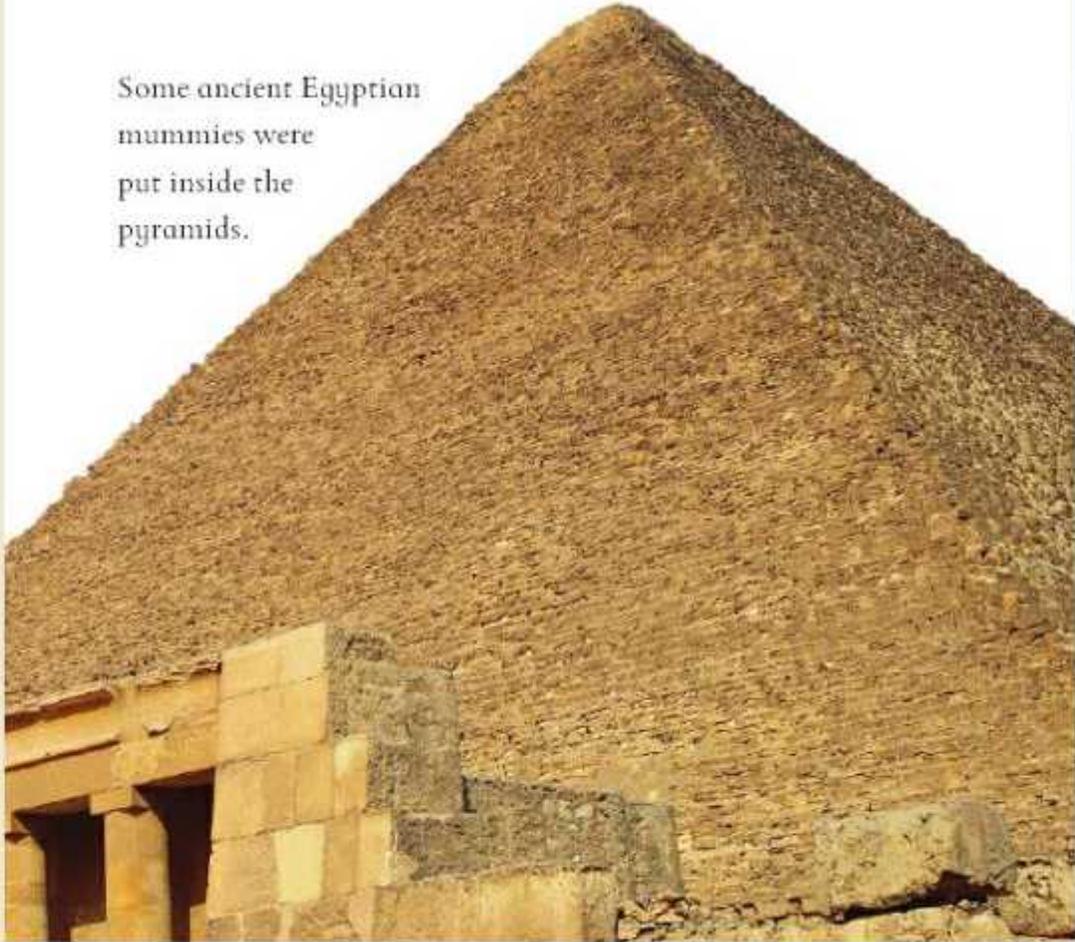


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Cover Contents Audio FX

Egypt is a hot, dry country in Africa.  
It was the **ancient** Egyptians who made mummies thousands of years ago.

Some ancient Egyptian mummies were put inside the pyramids.



Text field (13/15)

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Alt text

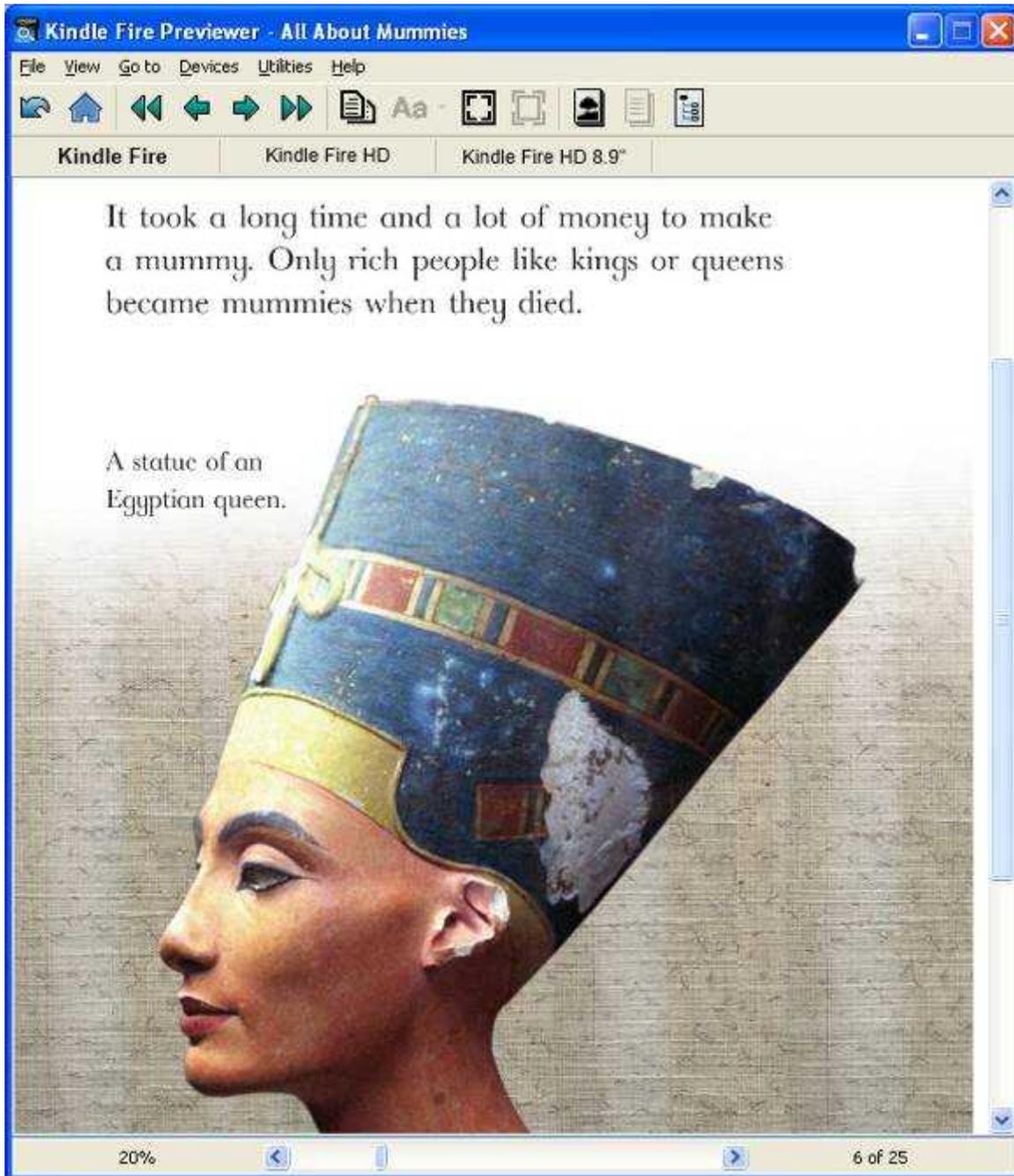
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Page number

Page 3

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'Reasonable adjustment' is making content available when and where learners with disabilities look for it



## King Tutankhamun

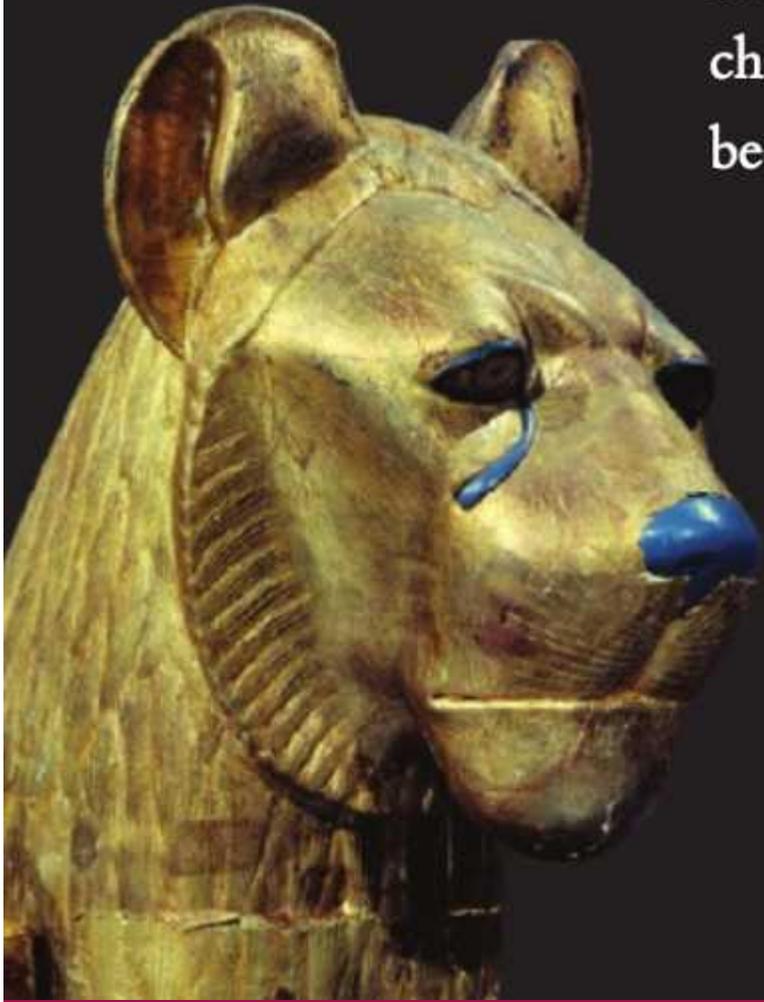
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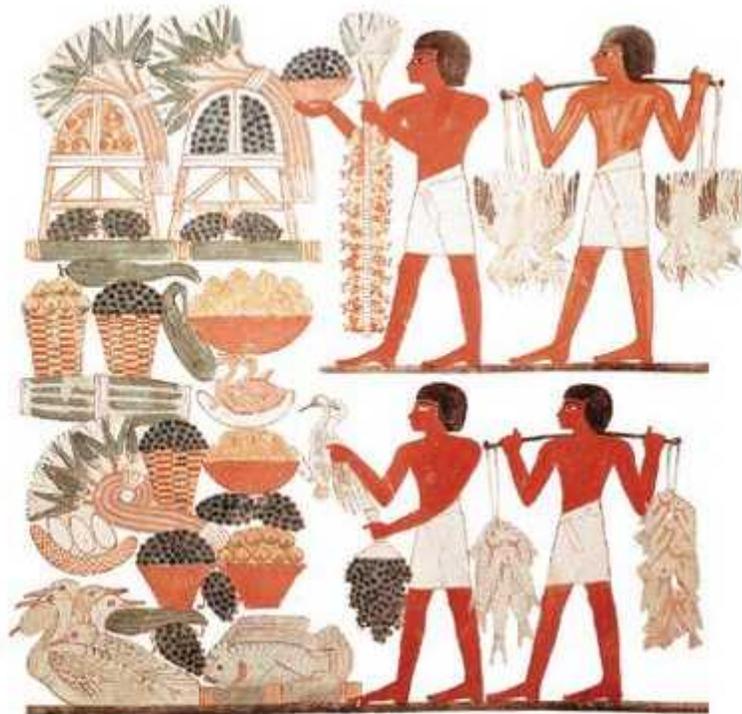
Tutankhamun's beautiful coffin was found in a room full of jewellery, gold chairs, musical instruments and other beautiful things.



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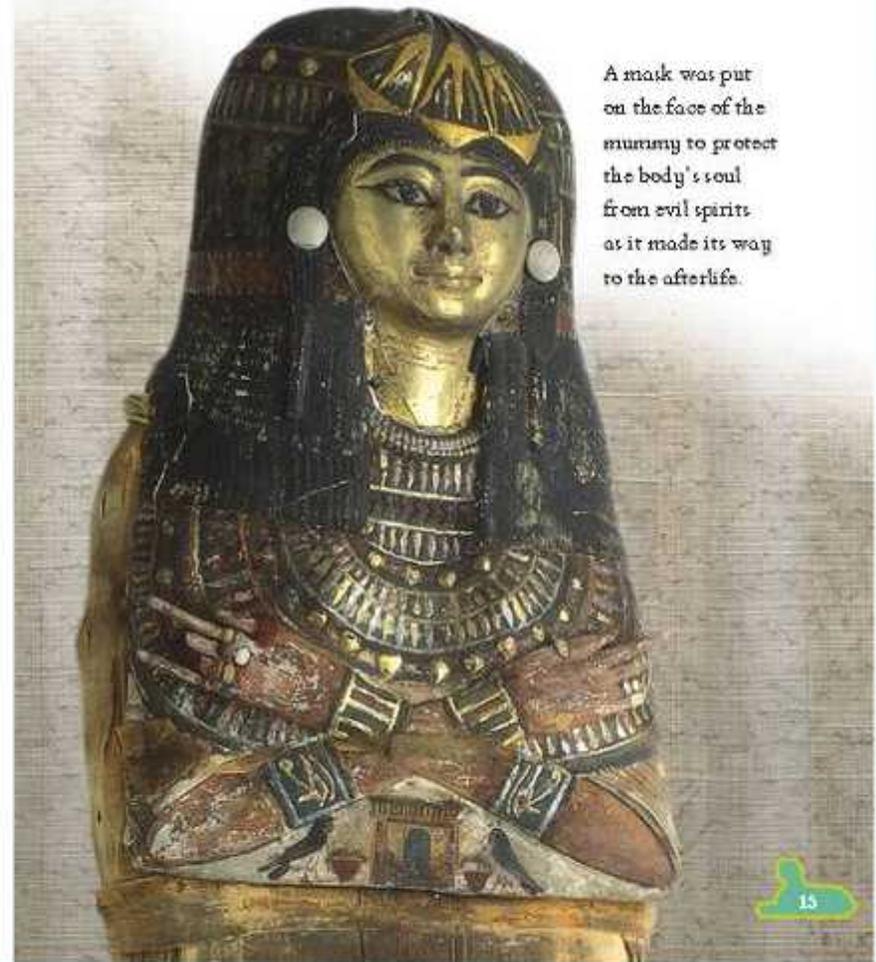
The Egyptians believed that the body would see, hear, eat and drink in the afterlife. So food and drink was left with the mummy.



These men are leaving grapes, fish and other food with the mummy to take to the afterlife.

14

Sometimes, the mummy had a face mask.



A mask was put on the face of the mummy to protect the body's soul from evil spirits as it made its way to the afterlife.

15



Contents



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# Who Lives Here?



Version: 1.0(131024a)

# An autumn ramble

Wednesday 6th October

Last Wednesday we went to North Woods.  
It was a very windy day.

First we saw some blackberries on a  
prickly **bramble**.



We were going to pick  
blackberries but someone  
had nibbled them.  
I wonder who?



The leaves were yellow, orange  
and red. I wonder why?



Screen 8

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## Next steps

- Focus on the learner and the classroom
- Implement PXE/EDUPUB when the fixed layout specification becomes available
- Meet ambitious company-wide goals for accessibility