

100 Things to Know About...

Designing your very own book and fact-filled quizzes

Listen to editor Alex Frith explain the tasks and find out some of his favourite facts:

<https://www.youtube.com/watch?v=OSaW2rqywtY&feature=youtu.be>

Design your own 100 Things to Know book

There are so many things to learn about the world around us, and the weirder the fact, the more we love it at Usborne! We have nine different 100 Things to Know books covering everything from the human body, to history, to science, to planet earth, but there are so many topics left with fun facts to explore.

Here's where you come in! We would like you to design your very own 100 Things to Know Book.

Think about something that you know lots about. It could be your favourite animal, your favourite sport, your hobby, your favourite country, or even your best friend! Your task is to design the cover for that book. E.g. 100 Things to Know About Dogs. You'll need to think of 4-5 facts for the front cover and the images that you'd like to go with them. You could even try drawing some of our little blue characters to suit your topic! If you're feeling particularly creative, we'd love you to make some of the inside pages too.

Top tips from editor Alex Frith

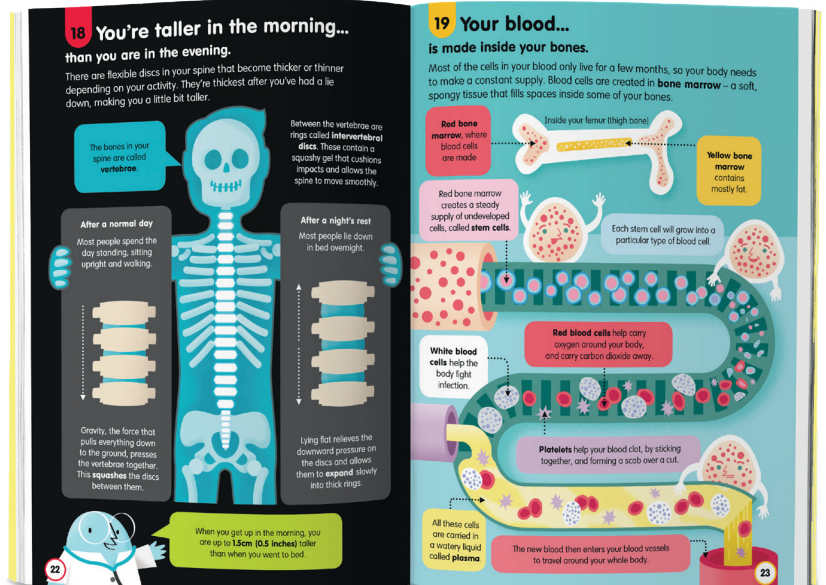
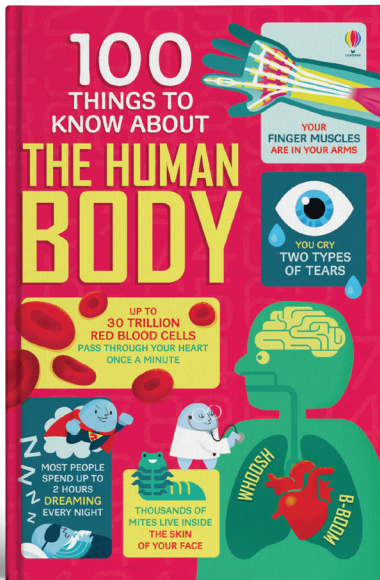
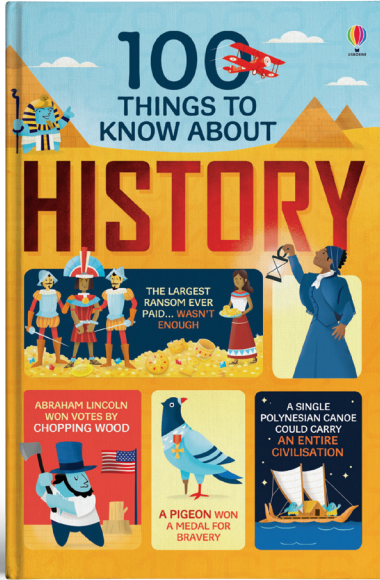
Here are some top tips from one of the editors of the series to help you:

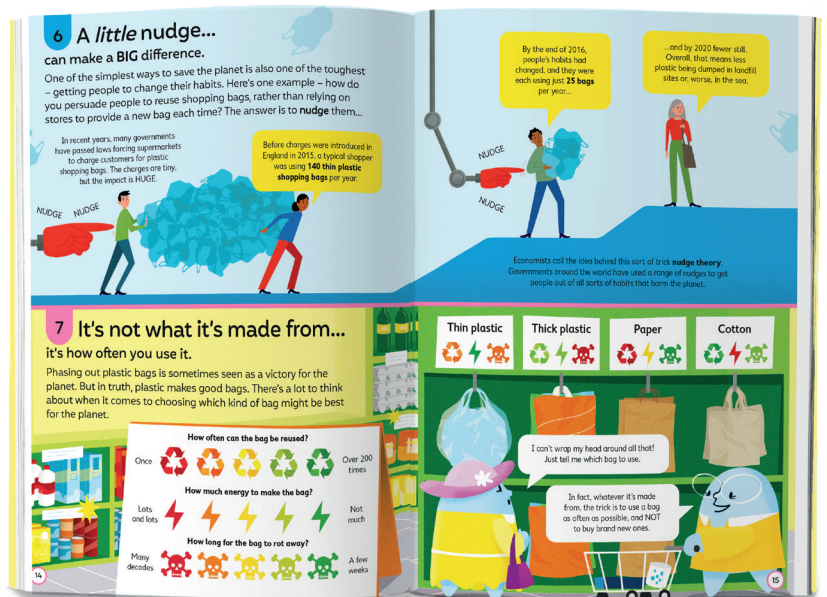
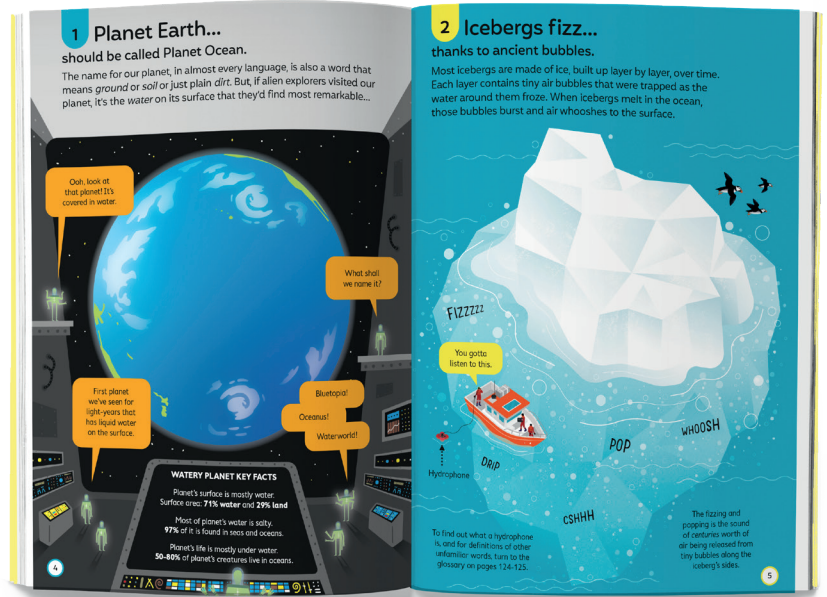
1. The first rule of finding an interesting fact is to test how interesting and surprising it really is. When you think you've got a fact, find someone you trust and ask them 'Did you know...' If they did know the fact, then you'll need to think of something a bit more surprising.
2. Once you've found your fact, don't worry about explaining the fact, first think about what picture you think would go with the fact. I think the best thing about the 100 Things to Know series is not just the facts inside them, but the way that they're represented. It can make you think of a new way to think about something that you thought you understood before through seeing it drawn in a picture.

100 Things to Know About...

Examples

Have a look at some of the covers and inside pages of the real books in the series below for some inspiration:





We'd love to see some of your book ideas and cover designs. Why not ask your parent or guardian to share them on social media and tag Usborne Books at Home in them.

Become a quiz champion

Love a fun fact? Think you can beat your classmates in general knowledge quizzes? Have a go at our multiple choice quizzes and see how much you know about the world around you.

100 Things to Know About Food Quiz

1) Which one plant feeds half the planet (it's their staple food)

- a) Potato b) Rice c) Quinoa

2) 80% of the flavour of a food comes from which of your senses?

- a) Taste b) Sight c) Smell

3) On average 5 humans are eaten every year by sharks, but how many sharks are eaten by humans?

- a) 1,000 b) 10,000 c) 100,000

4) Which of these foods could a powerful magnet pick up?

- a) Cornflakes b) Bread c) Chips

5) Why does cutting an onion make you cry?

- a) They fill your eyes with acid b) They smell really bad c) They are too sweet

6) How does yeast make bread rise?

- a) It coughs b) It burps c) It sneezes

7) Lutein helps prevent eye disease but what colour foods is lutein found in?

- a) Red b) Blue c) Green

8) How can pineapple help criminals?

- a) It can wear away their fingerprints b) It can disguise their scent c) It can help them run faster

9) Carrots haven't always been orange. This colour change happened as a result of genetic mutation. What colour were the first carrots?

- a) White b) Black c) Green

10) Which colour used by lots of restaurants and food brands is thought to make people hungry?

- a) Blue b) Red c) Yellow



100 Things to Know About History Quiz

1) Where was the first paper made?

- a) China b) Egypt c) India

2) Which sport was the first to be played between two different nations?

- a) Football b) Cricket c) Rugby

3) Which was the first country to allow women the vote?

- a) Canada b) Australia c) New Zealand

4) Which unusual pet did two US presidents keep?

- a) Alligator b) Raccoon c) Bear

5) Who did Alexander the Great name a city after?

- a) His wife b) His son c) His horse

6) How did Peter the Great get his name?

- a) He was really tall b) He made lots of good decisions c) He was really kind

7) Why was one of the first female doctors called James?

- a) Her parents liked the name James b) She had to pretend to be a man to study medicine c) Her parents wanted her to be a boy

8) Which was the largest empire in history?

- a) The Roman Empire
b) The British Empire
c) The Spanish Empire

9) How much has the population of the world increased in the last century?

- a) Doubled
b) Tripled
c) Quadrupled

10) In the Middle Ages, most women didn't wear under pants. In which century did Englishwomen start wearing them?

- a) 18th
b) 19th
c) 20th



100 Things to Know About The Human Body Quiz

- 1) In an average human lifetime, how many years of that will you spend asleep?
a) 15 b) 23 c) 37
- 2) What does your respiratory system help you to do?
a) Breathe b) Eat c) Remove waste
- 3) How many teeth can a five-year-old's mouth hold at the same time?
a) 32 b) 42 c) 52
- 4) How much taller are you in the morning than you are in the evening?
a) 0.5cm b) 1.5cm c) 2.5cm
- 5) What percentage of your body is made up of oxygen?
a) 55% b) 65% c) 75%
- 6) On the Mohs scale of hardness, which of these things is the hardest?
a) Your teeth b) Steel c) Gold
- 7) Which of these is true?
a) Humans can't roll their tongues b) Humans can't wiggle their ears c) Humans can't sneeze with their eyes open
- 8) What colour might your eyes turn if your liver isn't working properly?
a) Yellow b) Red c) Purple
- 9) On average, people on planes fart how many more time than usual?
a) Three times more b) Five times more c) Ten times more
- 10) People with which of these hair colours have more hairs on their heads?
a) Red b) Black c) Blonde



100 Things to Know About Numbers, Computers and Coding Quiz

1) How many languages would you need to know to be fluent in computer?

- a) 80 b) 800 c) 8,000

2) Which sport was the first ever two players computer game based on?

- a) Tennis b) Football c) Car racing

3) Which three colours do computers use to make all the different colours we see on our screens?

- a) Red, Yellow, Blue b) Red, Green, Blue c) Red, Purple, Yellow

4) Which of these types of pasta is used by computer coders to describe computer code that is hard to read?

- a) Spaghetti code b) Penne code c) Macaroni code

5) Data shows that goalkeepers are twice as likely to dive where to save a goal if their team is losing?

- a) Their right b) Their left c) Straight in front

6) Why was the webcam invented?

- a) So someone could check on their dog at home while they were at work b) So someone could see if a coffee pot was full or empty c) So someone could spy on their neighbours

7) What year did British computer scientist Tim Berners-Lee make the World Wide Web publicly available?

- a) 1981 b) 1991 c) 2001

8) Which of these animals often breaks internet cables?

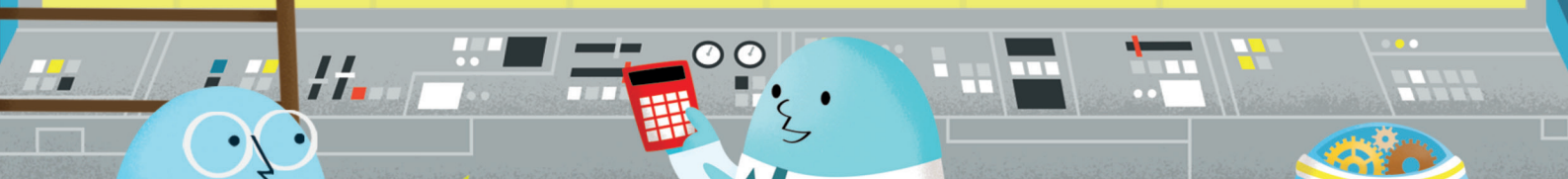
- a) Sharks b) Whales c) Dolphins

9) Which of these numbers is considered lucky if you speak Mandarin or Cantonese?

- a) 6 b) 7 c) 8

10) In the UK you call 999 in case of emergency, but what number would you call if you lived in Japan?

- a) 112 b) 199 c) 119



100 Things to Know About Oceans Quiz

- 1) What percentage of the surface of Planet Earth is actually water not earth?
a) 51% b) 71% c) 91%
- 2) Which animal hangs out in the biggest crowds on Earth?
a) Herrings b) Wildebeasts c) Penguins
- 3) Pirates are often considered to be wild and lawless, but in the 18th century, Welsh pirate Black Bart Roberts insisted all lights went out after what time?
a) 8pm b) 9pm c) 10pm
- 4) Which ocean based mammal sleeps less than any other mammal in the world?
a) Bottle nose dolphins b) Sperm whales c) Hammer head sharks
- 5) Which of these seas is actually the colour of its name?
a) The Red Sea b) The Black Sea c) The Yellow Sea
- 6) Which of these is the biggest ocean in terms of how much of Earth's seawater it holds?
a) Pacific Ocean b) Atlantic Ocean c) Indian Ocean
- 7) Why did navigators used to sail with pigs?
a) They were considered lucky b) They have a keen sense of smell and helped to point to new islands with their noses c) They were good company
- 8) Lipstick, yoghurt, ketchup and toothpaste all have one ingredient in common from our oceans but what is it?
a) Fish scales b) Shark teeth c) Seaweed
- 9) Marine snow is made up of debris sinking down from the surface and falls mainly during which season?
a) Autumn b) Winter c) Summer
- 10) Greenland sharks live much longer than humans and aren't considered to be grown-ups until they're roughly how old?
a) 50 b) 100 c) 150

100 Things to Know About Planet Earth Quiz

- 1) What percentage of the Earth's water is readily available to drink?**
a) 1% b) 10% c) 25%
- 2) Which animal's droppings help to keep the Arctic cool?**
a) Arctic hares b) Penguins c) Seabirds
- 3) Which of these places is the driest on Earth?**
a) The McMurdo Dry Valleys in Antarctica b) The Atacama Desert in Chile c) The Sahara in Africa
- 4) Tropical storms are all given international recognised names, but which name has been used the most to name storms?**
a) Abigail b) Arlene c) Alice
- 5) The Kawah Ijen volcano complex in East Java spews an unusual colour fire, but what colour is it?**
a) Purple b) Blue c) Green
- 6) What percentage of the ocean's living things live in coral reefs?**
a) 10% b) 25% c) 50%
- 7) Which animal changed the landscape of Australia by eating so much grass, small plants and young trees?**
a) Rabbits b) Koalas c) Kangaroos
- 8) How much plastic is dumped in the oceans every minute?**
a) The equivalent of a black bin full of plastic b) The equivalent of waste truck full of plastic c) The equivalent of a plane full of plastic
- 9) How many bacteria could fit on the tip of a pencil?**
a) 100 b) 1,000 c) 10,000
- 10) What is plastiglomerate?**
a) A rock made of junk b) The name for all the plastic in the ocean c) A new element that has just been discovered



100 Things to Know About Saving the Planet Quiz

- 1) What piece of clothing could be used to keep houses warm?
a) Jumpers b) Jeans c) T-shirts
- 2) What are energy vampires?
a) Electrical devices left on standby b) Electrical devices that use up the most electricity c) Electrical devices that no longer work
- 3) Painting houses what colour could help reduce greenhouse gas emissions?
a) White b) Black c) Green
- 4) What item of clothing can protect penguins from oil spills?
a) Shoes b) Hats c) Knitted sweatshirts
- 5) What is the cheapest plan that has been suggested to halt climate change?
a) Switching to electrical cars b) Planting more trees (reforesting) c) Switching all energy supplies to be reusable
- 6) Making just one burger uses more water than an average person would drink in how long?
a) 3 weeks b) 3 months c) 3 years
- 7) To help reduce waste, one Indonesian city lets people pay for bus rides with what?
a) Plastic bottles b) Crisp packets c) Cereal boxes
- 8) What commonly thrown away food waste can clean polluted waters if put into the sea?
a) Banana skins b) Oyster shells c) Cauliflower leaves
- 9) Armies of which animals could be used instead of pesticides to protect farmers' / crops?
a) Ducks b) Horses c) Goats
- 10) Which material could skyscrapers of the future be made out of to reduce carbon emissions?
a) Steel b) Wood c) Stone



100 Things to Know About Science Quiz

1) Which of these animals appeared on Earth first?

- a) Reptiles b) Fish c) Invertebrates

2) Which of these sounds is the loudest?

- a) Police siren b) Military jet plane c) Fireworks

3) The planets most likely to support life orbit in a zone that astronomers have named after a fairy tale. Which fairy tale is it?

- a) Goldilocks zone b) Red Riding Hood zone c) Billy Goats Gruff zone

4) Which scientist changed the way we think about life on Earth with his theory of evolution?

- a) Albert Einstein b) Charles Darwin c) Louis Pasteur

5) How many hearts do octopuses have?

- a) 3 b) 5 c) 7

6) Crocodiles cry when they...?

- a) Eat b) Sleep c) Go to the toilet

7) How much of a living tree is actually made up of dead cells?

- a) 9% b) 19% c) 99%

8) Which country in the world has (on average) the fastest internet speed??

- a) The UK b) South Korea c) China

9) Which of these is the largest reptile?

- a) Saltwater crocodile b) Leatherback sea turtle c) Green anaconda

10) One bee colony (40,000–60,000 bees) can pollinate up to how many flowers a day?

- a) 3 million b) 30 million c) 300 million



100 Things to Know About Space Quiz

1) How many planets are there in our Solar System?

a) 7

b) 8

c) 9

2) What was the first animal to go into space?

a) A monkey

b) A dog

c) A fruit fly

3) How do astronauts tell each other apart when they wear their spacesuits?

a) They have name badges

b) They all have a different number of stripes on their spacesuit legs

c) They wear different coloured space suits

4) How far away from the Earth is the International Space Station?

a) 38km

b) 380km

c) 3,800km

5) Why can footprints last for a long time on the Moon?

a) There's no wind to blow them away

b) It's so cold they freeze

c) Because of the Moon's gravitational pull

6) What colour is the sun?

a) Orange

b) Yellow

c) White

7) Which animals inspired an early spacesuit design?

a) Caterpillars

b) Ants

c) Dragonflies

8) What is rain on Venus made of?

a) Water

b) Chlorine

c) Sulfuric acid

9) What language do you need to be able to speak to be an astronaut?

a) Russian

b) English

c) French

10) What year did the first humans land on the Moon?

a) 1969

b) 1979

c) 1989



100 Things to Know Quizzes — The answers

100 Things to Know About Food

- 1) B
- 2) C
- 3) C
- 4) A
- 5) A
- 6) B
- 7) C
- 8) A
- 9) A
- 10) B

100 Things to Know About Numbers, Computers and Coding

- 1) C
- 2) A
- 3) B
- 4) A
- 5) A
- 6) B
- 7) B
- 8) A
- 9) C
- 10) C

100 Things to Know About Saving the Planet

- 1) B
- 2) A
- 3) A
- 4) C
- 5) B
- 6) C
- 7) A
- 8) B
- 9) A
- 10) B

100 Things to Know About History

- 1) A
- 2) B
- 3) C
- 4) A
- 5) C
- 6) A
- 7) B
- 8) B
- 9) C
- 10) A

100 Things to Know About the Oceans

- 1) B
- 2) A
- 3) A
- 4) B
- 5) C
- 6) A
- 7) B
- 8) C
- 9) C
- 10) C

100 Things to Know About Science

- 1) C
- 2) C
- 3) A
- 4) B
- 5) A
- 6) A
- 7) C
- 8) B
- 9) A
- 10) C

100 Things to Know About the Human Body

- 1) B
- 2) A
- 3) C
- 4) B
- 5) B
- 6) A
- 7) C
- 8) A
- 9) A
- 10) C

100 Things to Know About Planet Earth

- 1) A
- 2) C
- 3) A
- 4) B
- 5) B
- 6) B
- 7) A
- 8) B
- 9) C
- 10) A

100 Things to Know About Space

1. B
2. C
3. B
4. B
5. A
6. C
7. A
8. C
9. A
10. A