

Titel:

Incredible Inventions

Dit namn:



Before Reading

Look and Predict

Look at the cover and the contents page.

Discuss:

What is an invention?

Can you name any inventions that people use every day?

Which invention do you think is the most important?

Which chapter sounds the most interesting?

Think – Pair – Share

Talk to a partner:

If you could invent something, what would it be?

What problem would your invention solve?

Do you think inventions are always planned?

During Reading

From Idea to Invention

Are inventions always easy to create?

What does the book say our lives would be like without inventions?

What happens when an idea works?

An Unplanned Invention

What did Thomas Sullivan sell?

Why did he send tea in cloth bags?

What mistake did customers make?

Which invention was created because of that mistake?

Impactful Inventions – Wheels

How old are the earliest wheels mentioned in the book?

What were some early wheels made of?

What do we use wheels for today?

How are the wheels on the truck different from the old wooden wheel in the picture?

Impactful Inventions – Lightbulbs

What did people use before lightbulbs?

Why could candles and oil lamps be dangerous?

Who helped invent practical lightbulbs?

How did lightbulbs change people's lives?

Drawing Inspiration

Who was Leonardo da Vinci?

What did he often draw?

What was special about one of his cart designs?

How many years before the first car was this idea created?

Important Inventors – Marie Curie

When did Marie Curie live?

What kind of machine did she invent?

What was the machine called?

How did it help injured people?

Important Inventors – Benjamin Franklin

When did Benjamin Franklin live?

What invention helped protect houses from lightning?

What are bifocals?

What can bifocals help people do?

Taking Off

Who were Orville and Wilbur Wright?

What did they invent?

When was the first powered aeroplane invented?

How long did their first flight last?

Cool Computers

What was the first proper computer called?

How big was the ENIAC?

What computer do many people carry today?

Why can a smartphone be called a computer?

Clever Kids

How old was George Nissen when he built the first trampoline?

What invention is George Nissen known for?

What is Braille?

How old was Louis Braille when he invented it?

After Reading

Reading Comprehension

Answer in complete sentences.

1. Why are inventions important?

2. Who accidentally invented teabags?

3. Why did Thomas Sullivan send tea in cloth bags?

4. What were some early wheels made of?

5. What did people use before lightbulbs?

6. Who was Leonardo da Vinci?

7. What invention did Marie Curie create?

8. What are bifocals?

9. How long did the Wright brothers' first flight last?

10. What was the ENIAC?

11. How old was George Nissen when he built the first trampoline?

12. What is Braille?

Vocabulary

Match the word to the correct meaning.

Word	Meaning
1. invention	a. working using a source of energy
2. powered	b. a machine that can see inside the body
3. sample	c. something new that has been created
4. X-ray machine	d. a small amount used for testing

Discussion Questions

Discuss with a partner or in a group.

1. Which invention in the book do you think is the most useful today?

2. Which invention surprised you the most?

3. Which inventor would you like to learn more about?

4. Do you think accidents can lead to great discoveries? Why?

5. Which invention from the book has changed people's lives the most?

Activities

1. Invent Something New

Create your own invention.

Draw it and answer the questions.



What is it called?

What does it do?

Who would use it?

Why is it useful?

2. Inventor Fact File

Choose one inventor from the book:

- Thomas Sullivan
- Leonardo da Vinci
- Marie Curie
- Benjamin Franklin
- Orville Wright
- Wilbur Wright
- Louis Braille

Write:

Why they are remembered today

3. Invention Timeline

Create a timeline using inventions from the book.

Include:

- Wheels
- Lightbulbs
- Aeroplanes
- Computers
- Braille
- Teabags

For each invention:

Draw a picture.



Write one fact.

Explain why it is important.

4. Young Inventor Challenge

George Nissen and Louis Braille were young when they created important inventions.

Think about a problem young people have today.

Write:

What is the problem?

What invention could solve it?

How would it work?

Who would use it?

Write 5–10 sentences.

5. My Favourite Invention

Choose one invention from the book.

Write:

What the invention is.

Who invented it.

Why it is important.

Why it is your favourite.

Draw a picture of it.

