

Flying Airplanes

Fill in the circle by the correct answer. Then answer the questions.

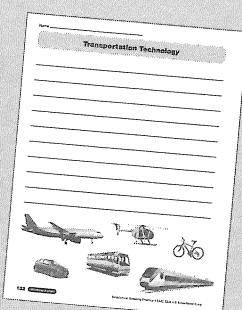
1. An airplane that can fly across an ocean uses _____ technology.
Ⓐ glider
Ⓑ wind
Ⓒ jet engine
2. A pilot in a glider uses _____ to control it.
Ⓐ electronic controls
Ⓑ hand levers
Ⓒ engines
3. What kind of technology does a glider use?

4. How are airplanes and gliders different?

Write About the Topic

Use the Writing Form to write about what you read.

Write to tell how jet engine airplanes and gliders use different technology to fly.



E-books

Level 1

Words to Know list, Reading Selection, and Reading Comprehension questions

Before E-books

People started writing thousands of years ago. They cut pictures in stone. They wrote shapes in wet clay in Egypt. People wrote on papyrus. It was like paper. Papyrus was made from a plant. The papyrus was rolled up.

Hundreds of years ago, people wrote on animal skins. The pieces were put together to make a book.

Next, books were made from paper. Every book was written out by hand. In about the year 1455, a printing press was made. It could print many more books.

E-books came out around the year 1998. You read an e-book with a device. A device stores many e-books. The e-books are ready to read anytime!

Words to Know Before E-books

- thousands
- Egypt
- papyrus
- hundreds
- skins
- printing press
- e-books
- device

Technology and Books

Fill in the circle by the name.

144 E-books 1 **144 E-books 2**

Level 2

Words to Know list, Reading Selection, and Reading Comprehension questions

How E-books Came to Be

E-books have not always been around. People started writing thousands of years ago. They cut pictures in stone. They wrote shapes on wet clay in Egypt. People wrote on papyrus. It was like paper. Papyrus was made from plants called reeds. A long piece of papyrus was rolled up into a scroll.

Hundreds of years ago, people wrote on animal skins. The pages could be made into a book. It was easy to open and close a book.

Next, people started making books from paper. Each book was written out by hand. The printing press was made around 1455. It was faster to make books with a printing press.

E-books were first made in about the year 1998. The letter e stands for electronic. One electronic device can store many e-books. E-books are ready to be read anytime!

Words to Know How E-books Came to Be

- e-books
- Egypt
- papyrus
- reeds
- scroll
- printing press
- electronic device

Technology and Books

Fill in the circle by the name.

145 E-books 1 **145 E-books 2**

Level 3

Words to Know list, Reading Selection, and Reading Comprehension questions

Technology and Books

What did people read before books and e-books? People started writing thousands of years ago. They cut pictures in stone. They wrote marks on wet clay. In Egypt, people wrote on papyrus for other people to read. Papyrus was made from reeds that grew along the river. Papyrus was rolled up into a scroll.

Hundreds of years ago, people started using parchment. It was made from sheepskin. Pages of parchment were made into a book. Much later, books were made from paper. Every book had to be written out by hand. Then, in about the year 1455, Johannes Gutenberg made a printing press. It printed copies of a book more quickly.

E-books appeared around 1998. The letter e stands for electronic. You store and read e-books on an electronic device. E-books use computer technology.

Words to Know Technology and Books

- e-books
- Egypt
- papyrus
- scroll
- parchment
- sheepskin
- Gutenberg
- printing press
- electronic device
- technology

Technology and Books

Fill in the circle by the name.

146 E-books 1 **146 E-books 2**

Assemble the Unit

Reproduce and distribute one copy for each student:

- Visual Literacy page: Books and Writing Timeline, page 141
- Level 1, 2, or 3 Reading Selection and Reading Comprehension page and the corresponding Words to Know list
- Graphic Organizer of your choosing, provided on pages 180–186
- Writing Form: E-books, page 142

Introduce the Topic

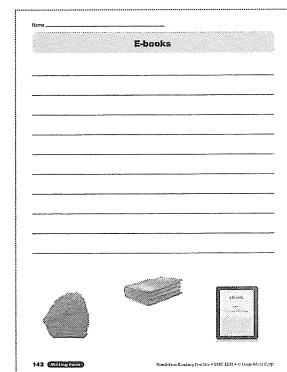
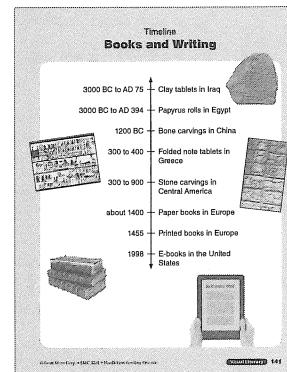
Read aloud and discuss the timeline. It gives a history of books and writing. Discuss the images of different types of writing. Ask children if they have seen them before. Where?

Read and Respond

Form leveled groups and review the Words to Know lists with each group of students. Instruct each group to read their selection individually, in pairs, or as a group. Have students complete the Reading Comprehension page for their selection.

Write About the Topic

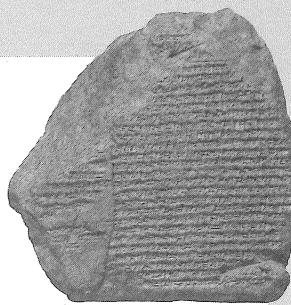
Read aloud the leveled writing prompt for each group. Tell students to use the Graphic Organizer to plan their writing. Direct students to use their Writing Form to respond to their prompt.



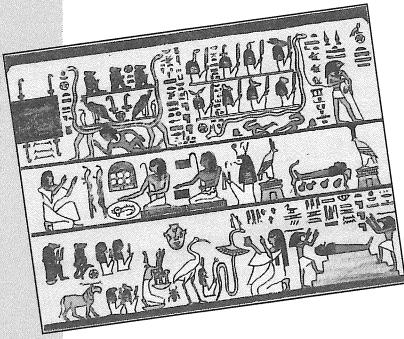
Writing Form

Timeline Books and Writing

3000 BC to AD 394 Papyrus rolls in Egypt



3000 BC to AD 75 Clay tablets in Iraq



1200 BC Bone carvings in China



300 to 400 Folded note tablets in Greece

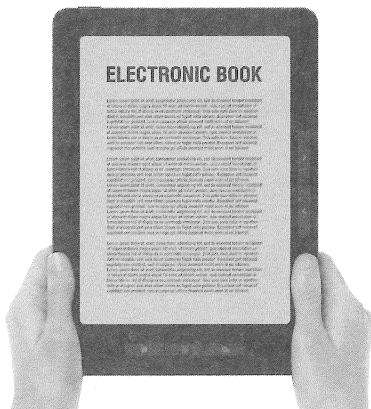
300 to 900 Stone carvings in Central America

about 1400 Paper books in Europe

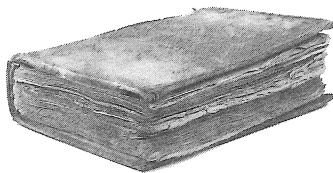


1455 Printed books in Europe

1998 E-books in the United States



E-books



eBook

Chapter 1:

Summer Holidays

Tug. It's a beautiful day, so nice to stay at home, we've wanted to do the beach. The sun was shining, the gentle wind was cooling my face and the dolphin was swimming in the sea. I was so happy that I could burst with excitement, but I managed to get to the sea. Some guys were having fun in the water although it was still quite cold. I was about to pass by when I remembered that I have my i-Block with me, so, accompanied by the song I had selected to read my favorite book, I decided to have a full day of fun and get on a sunny beach in a hot summer day, while both in vacation...

Words to Know**Before E-books**

thousands

Egypt

papyrus

hundreds

skins

printing press

e-books

device

E-books ■

**Words to Know****How E-books Came to Be**

e-books

Egypt

papyrus

reeds

scroll

printing press

electronic

device

E-books ■ ■

Words to Know**Technology and Books**

e-books

Egypt

papyrus

scroll

parchment

sheepskin

Johannes Gutenberg

printing press

electronic

device

technology

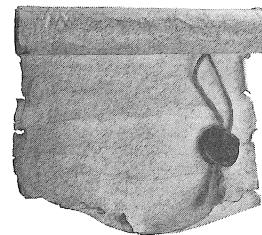
E-books ■ ■ ■

Before E-books

People started writing thousands of years ago. They cut pictures in stone. They wrote shapes in wet clay. In Egypt, people wrote on papyrus. It was like paper. Papyrus was made from a plant. The papyrus was rolled up.



clay tablet with writing



papyrus scroll

Hundreds of years ago, people wrote on animal skins. The pieces were put together to make a book.



book made from animal skins

Next, books were made from paper. Every book was written out by hand. In about the year 1455, a printing press was made. It could print many more books.



electronic device

E-books came out around the year 1998. You read an e-book with a device. A device stores many e-books. The e-books are ready to read anytime!

Before E-books

Fill in the circle by the correct answer. Then answer the questions.

1. People wrote on _____ thousands of years ago.

- (A) paper
- (B) animal skins
- (C) wet clay

2. Today, children can read _____.

- (A) e-books
- (B) papyrus
- (C) marks in clay

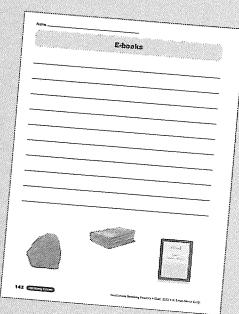
3. Pretend you lived hundreds of years ago. What kind of book might you have read?

4. Why is a device useful?

Write About the Topic

Use the Writing Form to write about what you read.

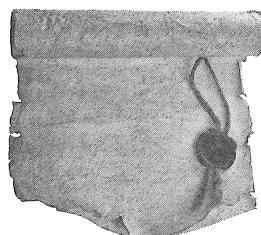
Tell how reading a book was different before and after 1998.



How E-books Came to Be

E-books have not always been around. People started writing thousands of years ago. They cut pictures in stone. They wrote shapes on wet clay.

In Egypt, people wrote on papyrus. It was like paper. Papyrus was made from plants called reeds. A long piece of papyrus was rolled up into a scroll.



papyrus scroll

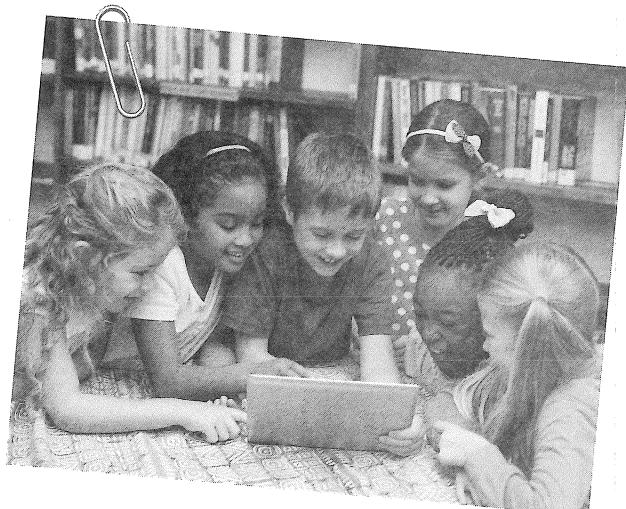


book made from animal skins

Hundreds of years ago, people wrote on animal skins. The pages could be made into a book. It was easy to open and close a book.

Next, people started making books from paper. Each book was written out by hand. The printing press was made around 1455. It was faster to make books with a printing press.

E-books were first made in about the year 1998. The letter e stands for electronic. One electronic device can store many e-books. E-books are ready to be read anytime!



How E-books Came to Be

Fill in the circle by the correct answer. Then answer the questions.

1. Many thousands of years ago _____.
Ⓐ people wrote on animal skins
Ⓑ people cut pictures in rocks
Ⓒ a printing press was made

2. Books were made from _____.
Ⓐ wet clay
Ⓑ stones
Ⓒ animal skins

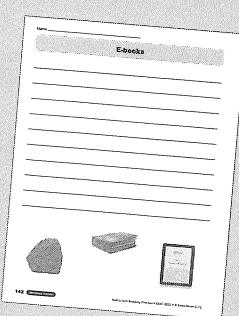
3. Tell why it would be easier to find your place in a book than a long scroll.

4. More books were made after 1455. Why?

Write About the Topic

Use the Writing Form to write about what you read.

Write to tell how storing e-books is different from storing printed books.

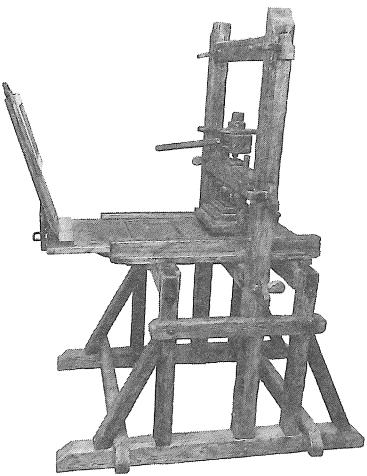


Technology and Books

What did people read before books and e-books?

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Gutenberg's
printing press

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