



# great minds

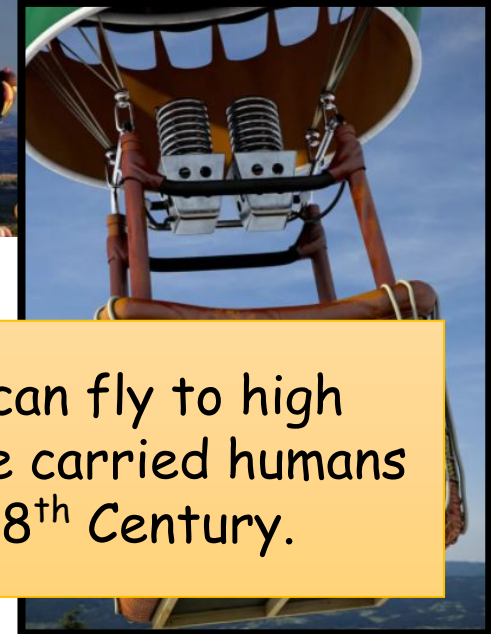


What does 'Great minds' mean? What do you think?

The title refers to great people in history who have contributed or achieved something important. I think we will learn about great people and what they have accomplished.



What do you know about hot air balloons?



Hot-air balloons can fly to high altitudes. They have carried humans since the late 18<sup>th</sup> Century.



Read the title and the introduction of the text. What do you expect the text to be about? Read, listen and check.

# Animals in the air

Can you believe that the history of the hot-air balloon began with a sheep, a duck and a chicken?

The text may be about the history of the hot-air balloon.



одобрение

дымоход

замечать

содержать, вмещать

вверх, выше

упоминать,  
ссылаться

солома

плыть по  
поверхности, в  
воздухе

полет

добираться

применение

разрешение

поймать, брать в  
плен

собирать

изобретатель

крыша

сушить

вешать

прачечная

судно

управляемый  
людьми

валеология

ожидать

целый и  
невредимый



The feeling of having a positive opinion of someone or something



A hollow structure that allows the smoke from a fire inside a building to escape to the air outside



To have something inside or include something as a part



To tell a reader to look somewhere else in a book for more information about something



The dried, yellow stems of crops such as wheat, used as food for animals or as a layer on the ground for animals to lie on, and for making traditional objects



To stay on the surface of a liquid and not sink





A journey in an aircraft



A way in which something can be used for a particular purpose



If someone is given permission to do something, they are allowed to do it



To take someone as a prisoner, or to take something into your possession, especially by force



The outside surface of the roof of a building



Used to describe something that has no water or other liquid in, on, or around it



Biomedical science



Not hurt or damaged



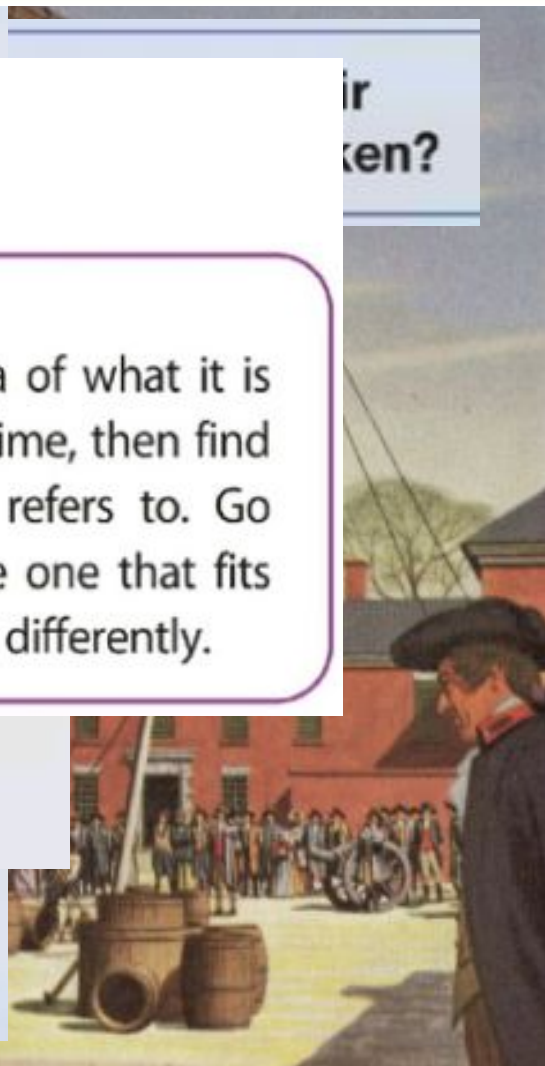
## study skills

### *Multiple-choice reading*

Read the text quickly to get an idea of what it is about. Read the questions one at a time, then find the part of the text the question refers to. Go through the choices and choose the one that fits best. The information may be worded differently.

One day in 1777, Joseph Montgolfier was relaxing in

The M  
f The  
f w  
v anim  
f tl  
v tl  
p Fam  
c in th  
u the k  
fl the k  
c b  
s b  
st first  
t a  
v a  
t b  
sm  
with his brother, Jacques, he began performing  
**experiments** on something that later became the  
first hot-air balloon.



Text 1

Text 2

Text 3

Study Skills

Joseph Montgolfier got the idea for a flying machine when ...

a) he saw smoke in a fireplace.

b) he saw pieces of paper flying.

c) he watched a shirt drying.

Joseph hoped to be a(n) ...

a) scientist.

b) engineer.

c) performer.

They burned straw to ...

a) help the balloon go up.

b) make the balloon lighter.

c) make the balloon move faster.

The first flight was watched by ...

a) the king only.

b) just the Montgolfier brothers.

c) a lot of people.

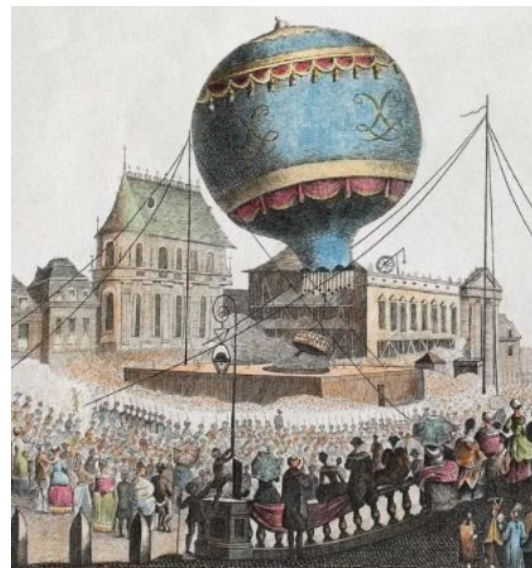
Read the text and choose the correct answers. Give reasons.

The Montgolfier brothers asked the king's permission to ...

a) send animals up in the balloon.

b) send young men only.

c) send some people.





## Decide which of the statements are TRUE, FALSE or NOT STATED.

1 Joseph was sleeping when he got the idea for a flying machine.

False

2 He loved science more than maths.

Not Stated

3 Joseph worked with his brother to create the hot-air balloon.

True

4 They discovered that heat, not smoke could lift things up.

True

5 The first hot-air balloon was made from paper and straw.

False

6 The basket was made of wood.

Not Stated

7 The animals didn't survive the trip.

False

8 The first flight with human passengers was successful.

True

Match the words in bold to their meanings.

decided

catch

tests

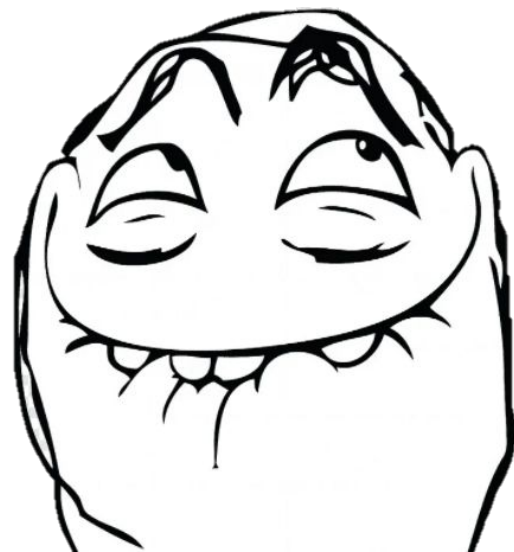
raise

not in danger

showed

ca

presented



List all the verbs in the Past Simple tense then write the infinitive.

began

begin

noticed

notice

was/were

be

threw

throw

happened

happen

came

come

had

have

loved

love

wanted

want

started

start

became

become

realised

realise

presented

present

made

make

burned

burn

helped

help

put

put

hung

hang

landed

land

gathered

gather

asked

ask

agreed

agree

took

take

reached

reach

floated

float

## Fill in: raise, lift, put up. Check in the Word List.

- 1 If you have any questions, please **put** your hand **up**.
- 2 John **raised** the glass to his lips.
- 3 This sofa is really heavy. Help me **lift** .. it.



raise hand

To lift something to a higher position

to raise



To move something from a lower to a higher position

to lift



To raise or increase something

to put up



Read the table. Which field of science interests you the most?

**NATURAL SCIENCE** is the study of natural phenomena.

- Biology • Chemistry • Physics • Earth Science
- Geography • Ecology • Astronomy

**SOCIAL SCIENCE** is the study of the behaviour of human beings and societies.

- Psychology • Education • History • Politics
- Sociology

**APPLIED SCIENCE** is the application of scientific research to human needs.

- Economics • Engineering • Management
- Computer Science • Health Science

► *I'm interested in history because I like learning about things which happened in the past.*



# Which subject do the following people study?

- 1 Maria studies the function of the human body.
- 2 Adam studies the way computers work.
- 3 Helen studies the planets and stars.
- 4 James studies the way governments work.
- 5 Rose studies the reasons for people's behaviour.
- 6 Alana studies the events of the past.

Biology

Computer Science

Astronomy

Politics

Psychology

History

