

Alpha Level 4

Hot-air Balloons



Word Study

A Solve the crossword puzzle below.

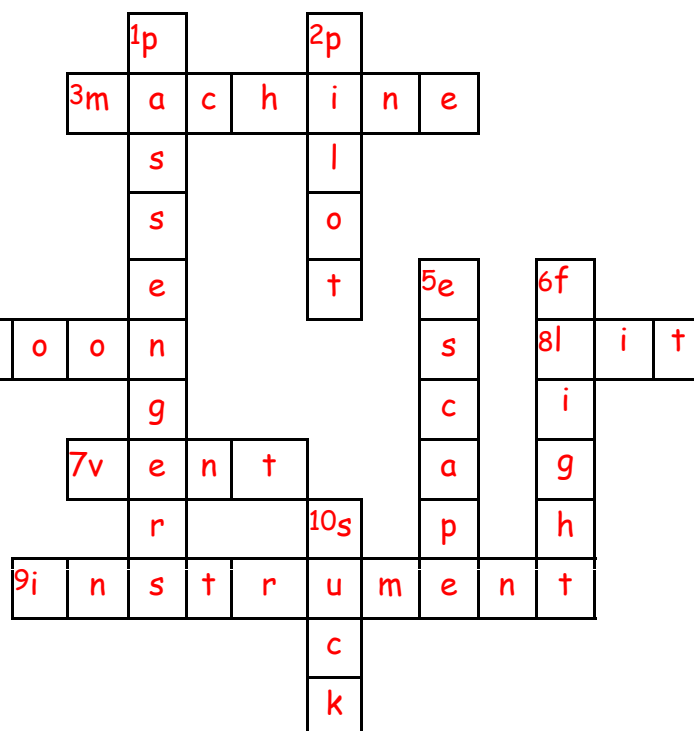
Across

- 3) piece of equipment with moving parts that uses power.
 4) Hot air _____ is a large flying machine.
 7) a hole or pipe through which gases, liquid etc can enter

- 8) I _____ the candle.
 9) a small tool used in work such as science or medicine

Down

- 1) someone who is travelling in a vehicle, plane, boat etc
 2) someone who operates the controls of an aircraft or spacecraft
 5) to get away from a dangerous or bad situation
 6) The first hot air balloon _____ was in 1783.
 10) to pull (liquid, air, etc.) into your mouth

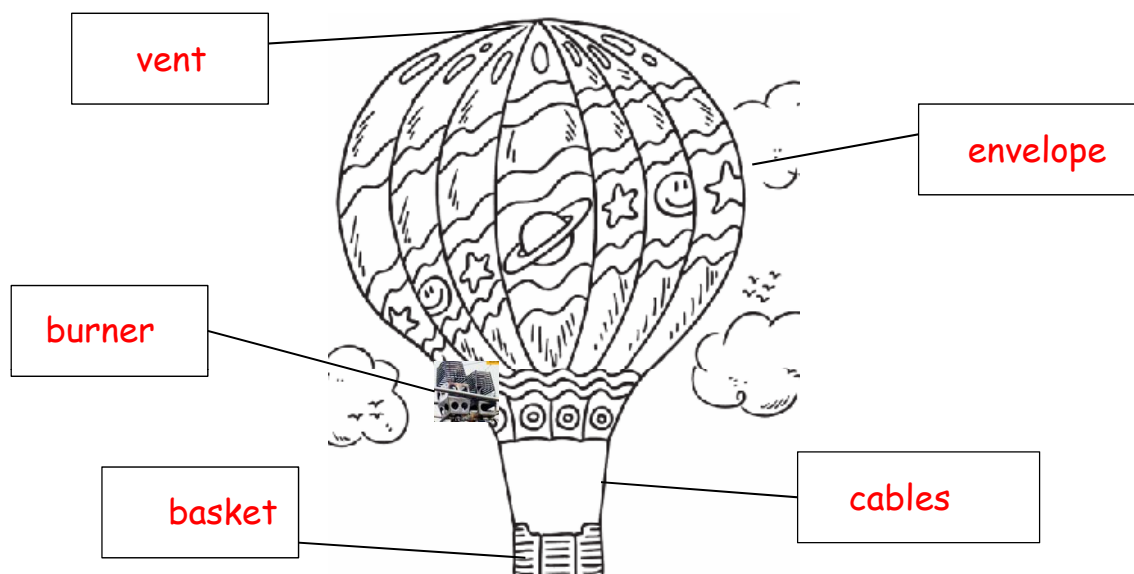


pilot, passengers
 flight, lit, balloon
 vent, instrument,
 suck, escape, machine,

B Label the picture.

Word Box

envelope, basket, vent, cable, burner



Word Study

C Choose and write the correct word to complete the sentence.

Word Box

~~lift off~~, take up, ~~blow up~~, ~~get ready to~~, ~~filled with~~, ~~laid on~~, ~~stay open~~

- 1) Hot-air balloon lift people off the ground.
- 2) Blow up a balloon and tie it.
- 3) People unload the balloon and get it ready to fly.
- 4) The envelope must be filled with hot air.
- 5) The basket is laid on the ground.
- 6) People hold the bottom of the envelope until there is enough hot air inside the envelope for it to stay open.
- 7) Hot air balloons don't take up much space.

D A prefix is a word part added to the beginning of a word.

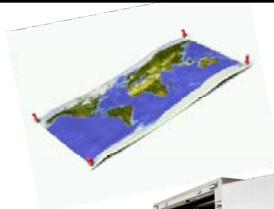
Read each sentence. Write the word that means 'not' or 'the opposite of' the underlined word.

The prefix **un** means 'not' or 'the opposite of'

un + happy = **unhappy** (not happy),

un + lock = **unlock** (open with a key)

- 1) They fold the map with pins.



unfold

- 2) The sofa was loaded by two men.



unloaded

- 3) Jenny likes to wrap presents.



unwrap

Comprehension

A Answer the following questions.

- 1) The purpose of this book is to give information.
a) to entertain b) to persuade ☒ c) to give information
- 2) When and where was the first flight of hot air balloon? (p.p. 2~3)
The first hot-air balloon flight was in 1783 in France.
- 3) How do hot-air balloons lift off the ground? (p.p.4~5)
The hot air inside the balloon is lighter than the cold air outside.
- 4) To keep flying, the air in the envelope must stay open.
The burner heats the air.
- 5) Why isn't the night the best time for flying? (p.p. 12~13)
a) Because it get caught up in power lines and difficult to find a place to land.
☒ b) Because the wind never blows and also the air is too cold to lift it off.

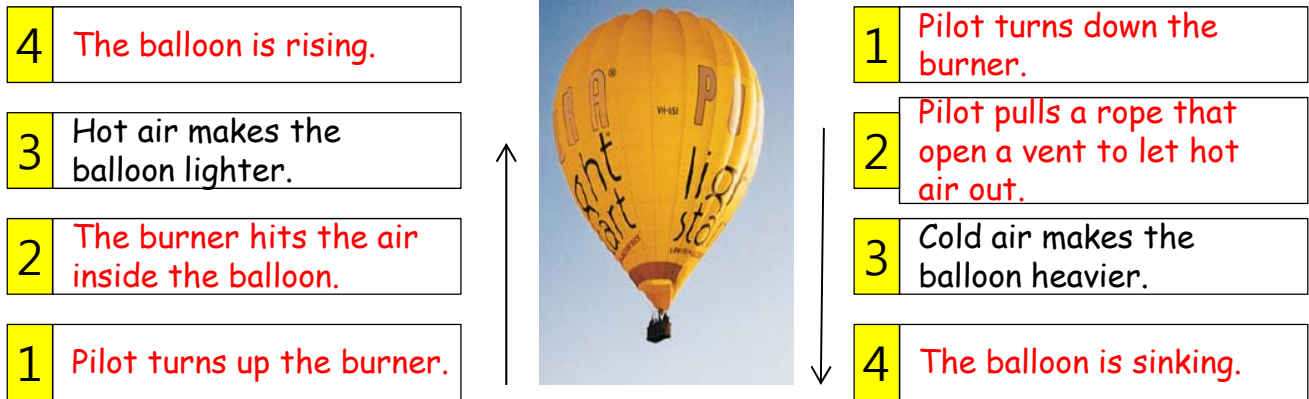
B Write the correct words for each picture. (p.p. 7~11)



- a The envelope and basket are moved by a truck.
- b A team of people unload the balloon and get it ready to fly.
- c The burner is lit to blow hot air into the envelope.
- d When passengers and pilot are in the basket, the balloon takes off.
- e Hot air balloon is flying.

Comprehension

C Write how the hot air balloon rise and sink.



Expression

rising

sinking

The balloon is rising.

Pilot turns up the burner.

Pilot turns down the burner.

The burner hits the air inside the balloon.

Pilot pulls a rope that open a vent to let hot air out.

The balloon is sinking.

D Write and Speak

If you were a pilot, how can you explain about a hot-air balloon?



How does a hot-air balloon fly? (p.5)

Hot air rises when the air around it is cooler.



How do you steer? (p.13)

A hot-air balloon is moved by the wind.

We go up and down to find wind that takes the balloon where I want to go.



How do you make the balloon go up and down? (p.15)

When I turn up the burner to heat the air inside the balloon, the balloon rises.

When I turn down and pull a rope that open a vent, the balloon falls.