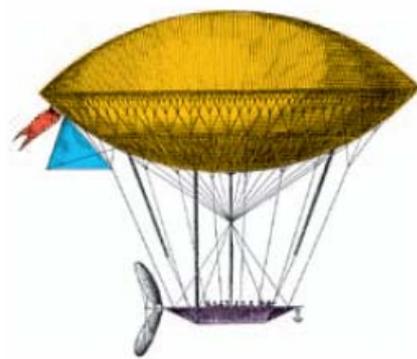


Level 4. Flying Machines

# Alpha Readers

## Flying Machines



Written by Mary-Anne Creasy

**A** Solve the crossword puzzle below.

Across →

1.



5.



6.



Down ↓

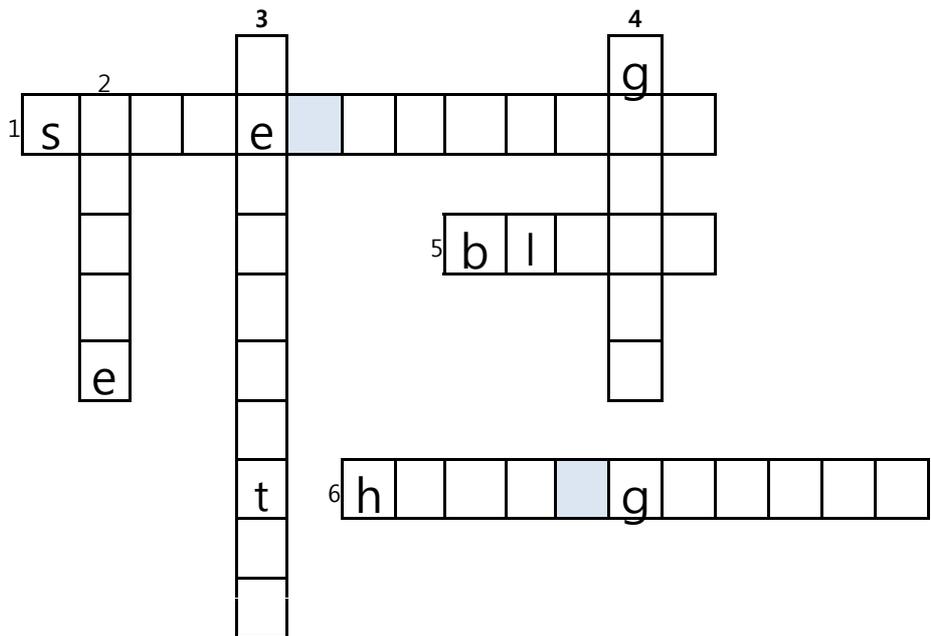
2.



3.



4.



**B** Complete the sentence using the words in the box.

- engine
- wings
- rocket
- machine

1. People have made many different \_\_\_\_\_s that can fly.  
a piece of equipment which uses electricity or an engine
2. A space shuttle has a \_\_\_\_\_ engine.  
a space vehicle that is shaped like a long tube
3. It glides through the air on its \_\_\_\_\_.  
parts for flying
4. Most flying machines have \_\_\_\_\_s.  
a part that produces the power which makes something move

**C** Write the correct word to complete the sentence. Change the form of verb if necessary.

by / glide through / turn ~ on / lift off / without

1. A plane \_\_\_\_\_ the ground and moves through the air.
2. A hang glider \_\_\_\_\_ the air on its wings.
3. Most flying machines have engines but some can fly \_\_\_\_\_ engines.
4. A glider is pulled into the air \_\_\_\_\_ a plane.
5. The engine \_\_\_\_\_ the blades \_\_\_\_\_ top of the helicopter.

**D** Fill in the blanks with *without* or *with* to complete the sentence.

**With** or **without** is used to indicate that someone or something has or doesn't have.

Ex.) We need water to live. → We can't live **without** water.

They have wings to fly. → They can fly **with** their wings.

1. They have no engines, but they can fly. → They can fly \_\_\_\_\_ engines.
2. The machine has arms to move. → The machine can move \_\_\_\_\_ its arms.
3. The robot needs legs to walk. → The robot can't walk \_\_\_\_\_ legs.
4. He has no one leg, but he can swim. → He can swim \_\_\_\_\_ one leg.
5. It has wheels to go fast. → It can go fast \_\_\_\_\_ its wheels.

**A Answer the following questions.**

1. The main purpose of the book is \_\_\_\_\_.
  - a) to explain what is not a flying machine
  - b) to give information about how flying machines fly
  - c) to show us what kind of flying machine is the best
2. Three children will sort the flying machines after reading the book. Who is NOT correct?
  - a) James: I will sort them by the speed.
  - b) Sue: I will sort them by whether they have wings or not.
  - c) July: I will sort them by whether they have an engine or not.
3. Which flying machines have blades instead of wings?
  - a) helicopters
  - b) gliders
  - c) planes
4. What is NOT true about hang glider?
  - a) A hang glider does not have an engine.
  - b) Warm air lifts the hang glider.
  - c) It glides through the air on its wheels.

**B Read and circle "T" for true or "F" for false.**

1. All flying machines have engines.
2. Hang gliders, gliders, and planes have wings.
3. Engines of a plane make it move fast.
4. A space shuttle doesn't have wings.
5. The engine of a helicopter turns the blades on top of it.

**C** Sort the flying machines. Then circle the names if they have wings.

gliders / planes / space shuttles / hang gliders / helicopters

**Flying Machines with Engines**

planes

The engines make it move fast.

The rocket engine lifts it off the ground and into space.

The engine turns the blades on top of it.

**Flying Machines without Engines**

They are pulled into the air by a plane.

Warm air lifts them.

**D** Fill in the blanks with the right expressions for your writing. Change the form of verb if necessary.

**What's your favorite flying machine from the book?**

My favorite flying machine is a \_\_\_\_\_

It \_\_\_\_\_  
doesn't have an engine / have an engine / have engines

It lifts off the ground \_\_\_\_\_  
by the warm air / by a plane / by the engine(s)

and it \_\_\_\_\_  
move through the air / glide through the air on its wings / move into space