

# First Flight Glossary

*(for primary grades)*

**aero plane**

An airplane. Aero means “air”.

**airplane**

An aircraft that uses wings to fly. .

**biplane**

An airplane with two sets of wings. The first airplane ever built had two sets of wings, one on top of the other.

**Flyer**

The name of the Wright Brother’s first powered airplane. It had a motor, propellers and two sets of wings.

**glider**

An airplane that does not have a motor and propellers. A glider is essentially a large kite.

**gravity**

The natural force that pulls an object toward the earth. We experience gravity as weight.

**hydrogen**

A gas used in large balloons to lift the balloon.

**inventor**

One who invents makes something new.

**Kitty hawk**

A beach on the North Carolina’s Atlantic coast. This is where the first flight by the Wright Brothers took place.

**machine**

A device that performs a task for people.

**model**

A copy of an object that is often times smaller than the original.

**pilot**

A person who flies an aircraft.

**propeller**

A device that consists of blades that spin around a central hub, like a fan. An engine causes the blades to turn. When the blades turn, they create thrust by biting into the air and forcing it to move back. The amount of thrust can be controlled by changing the speed of the propellers.

**success**

Achieving a goal. A win.

**wing**

A part of an airplane that is attached to the fuselage. Wings are shaped like airfoils and are used to provide lift for the airplane. There are four basic types of wings: straight, sweep, delta and variable sweep.

**Wright Brothers**

The two brothers named Orville and Wilbur who invented the first airplane.



# The Wright Brothers

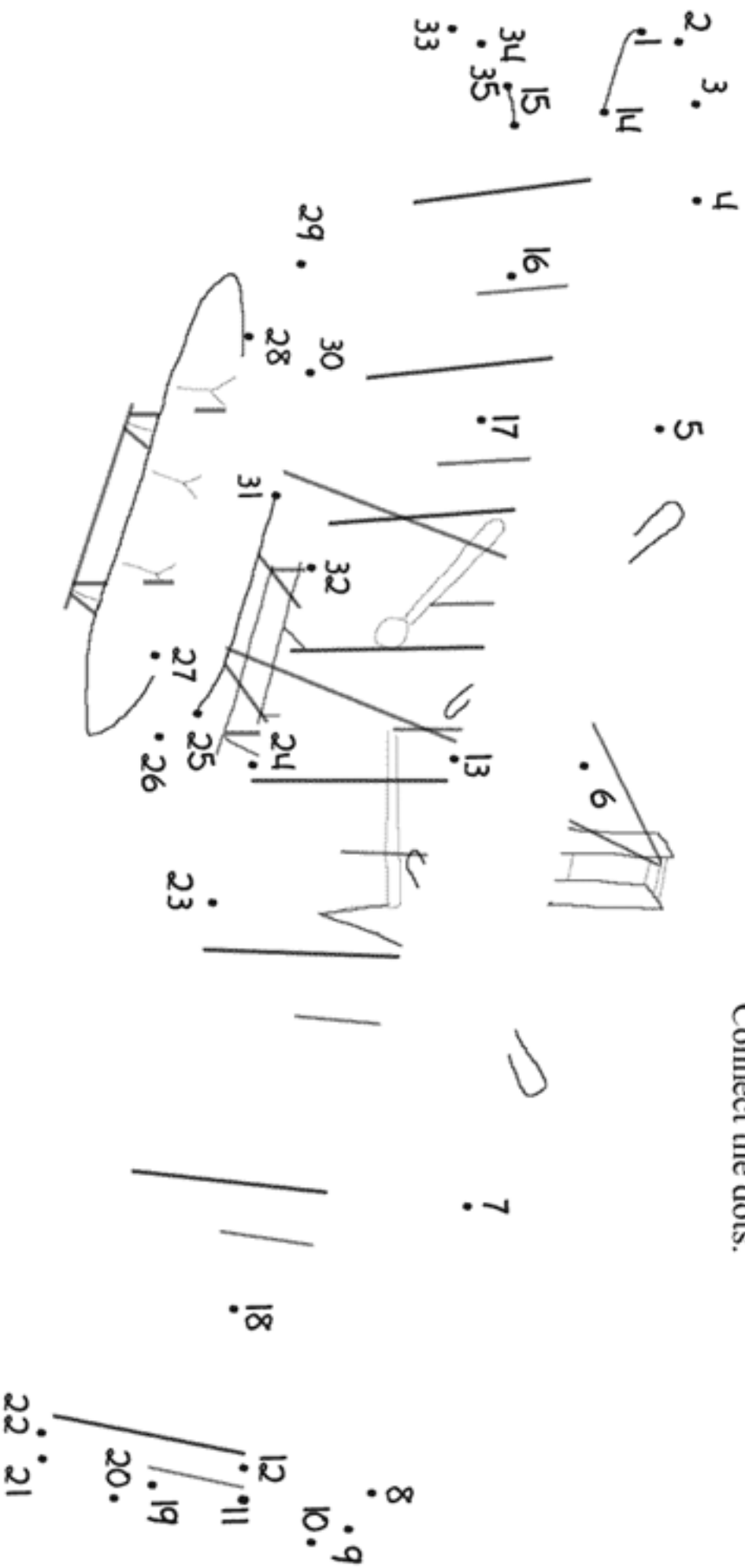
## WORD SEARCH

**TRY TO FIND** words and names that remind us of the Wright Brothers and the first flight. Some words are hidden backward or diagonally, up and down, and some letters are used twice. See if you can find: WRIGHT, ORVILLE, WILBUR, BROTHERS, FLYER, AIRPLANE, KITTY, HAWK, KITE, KATHARINE, DAYTON, GLIDER, BIRDS, BICYCLE, INVENTIONS, TATE, AERIAL, GRAVITY, WING, MOTOR.

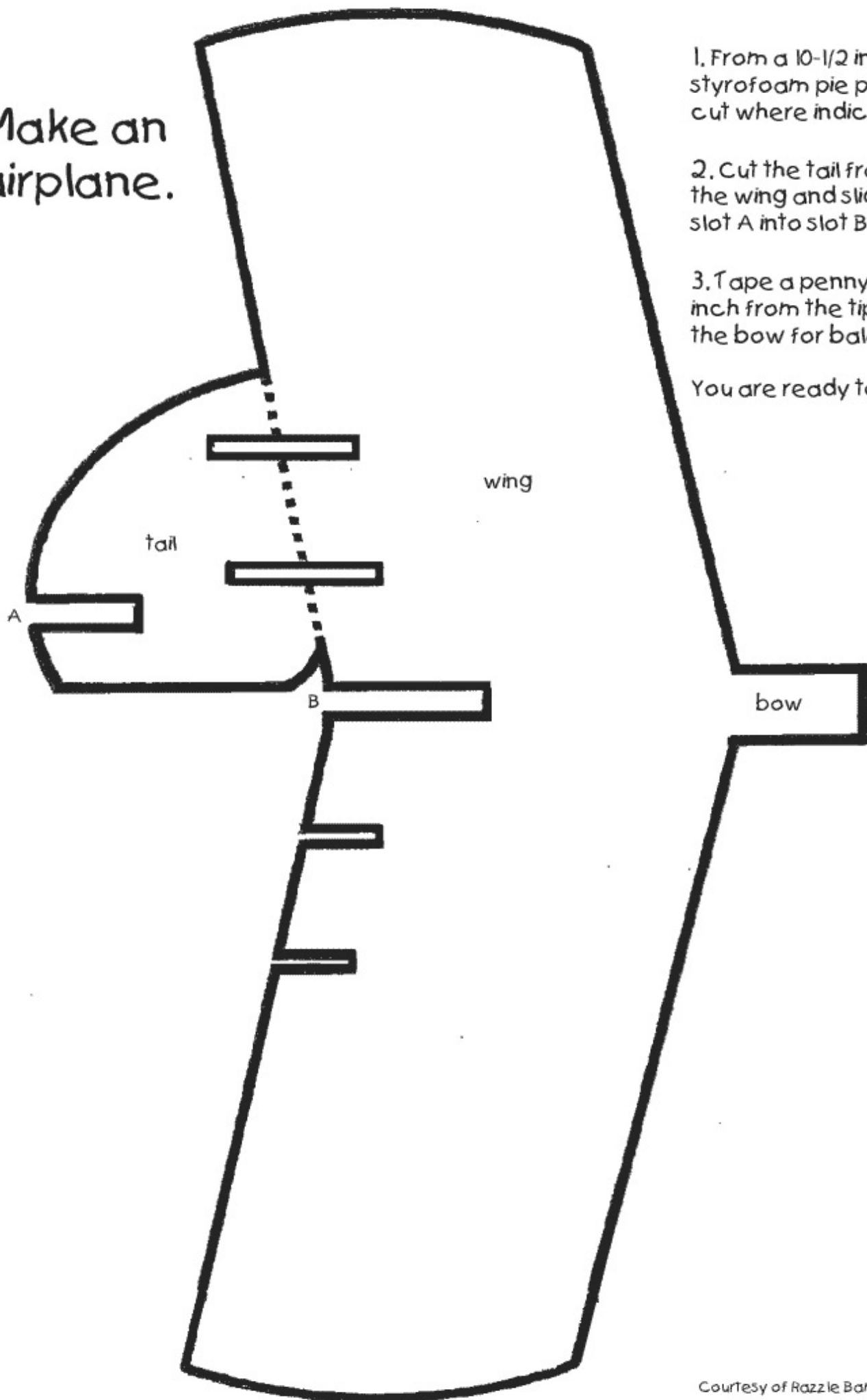
F B X Y B I R D S W F H A W K Y  
G L I D E R G D K N I T U M A T  
R K Y C O K O R V I L L E C T T  
A P W E Y H W T W F T W B L H I  
V R Y M R C Q S H R O E G U A K  
I T A I R P L A N E T H G I R W  
T D A Y T O N E F N R W G N I W  
Y L I N V E N T I O N S B W N V  
E T A T R M O T O R L A I R E A

# The Wright Flyer

Connect the dots.



Make an airplane.



1. From a 10-1/2 inch styrofoam pie plate, cut where indicated.

2. Cut the tail from the wing and slide slot A into slot B.

3. Tape a penny 1/2 inch from the tip of the bow for balance.

You are ready to fly!