

A large-scale model of a blue and yellow aircraft is displayed in a museum gallery. The aircraft is suspended from the ceiling by a thin black wire. The gallery has a high, vaulted ceiling with a grid of structural beams and large windows. In the background, a yellow vertical banner with the text "NCS14M" is visible. To the right, a group of people, including children, are gathered around a display case. The overall atmosphere is bright and educational.

Virtual Scavenger Hunt For Kids Through our Galleries

Kids!

Find the hidden message in our virtual scavenger hunt through our galleries.
Explore our website to find the clues (and learn all about flight along the way!)


When you find a number clue, put the correct letter in the corresponding number spot.

For example if the clue was:

---1----- and the answer was: A I R P L A N E, the "R" would be clue number 1.

The hidden message you will try to find is:

1 2 3 4 5 6 !



Welcome aboard Captain!
Today is a special day!
You will learn what it takes to be a pilot.
And earn your wings along the way!

If you want to be a pilot
You need to speak and talk like one.

“Affirmative” for yes and
“Negative” for no and none!



In 1899, the Wright Brothers
built a _ _ _ _ _.
6

Experimenting with their flying machine,
started their success of human flight!

(Hint: Dream of Wings Gallery)



Steering a plane isn't about just turning,
to the left and to the right.

You must also climb and dive,
to sustain a steady flight!

When you push the control away,

The nose of the plane points down



Pulling it back up to you,
will keep you from diving to the ground.

A new grape soda, the _____
5
sponsored a plane to hit the sky.

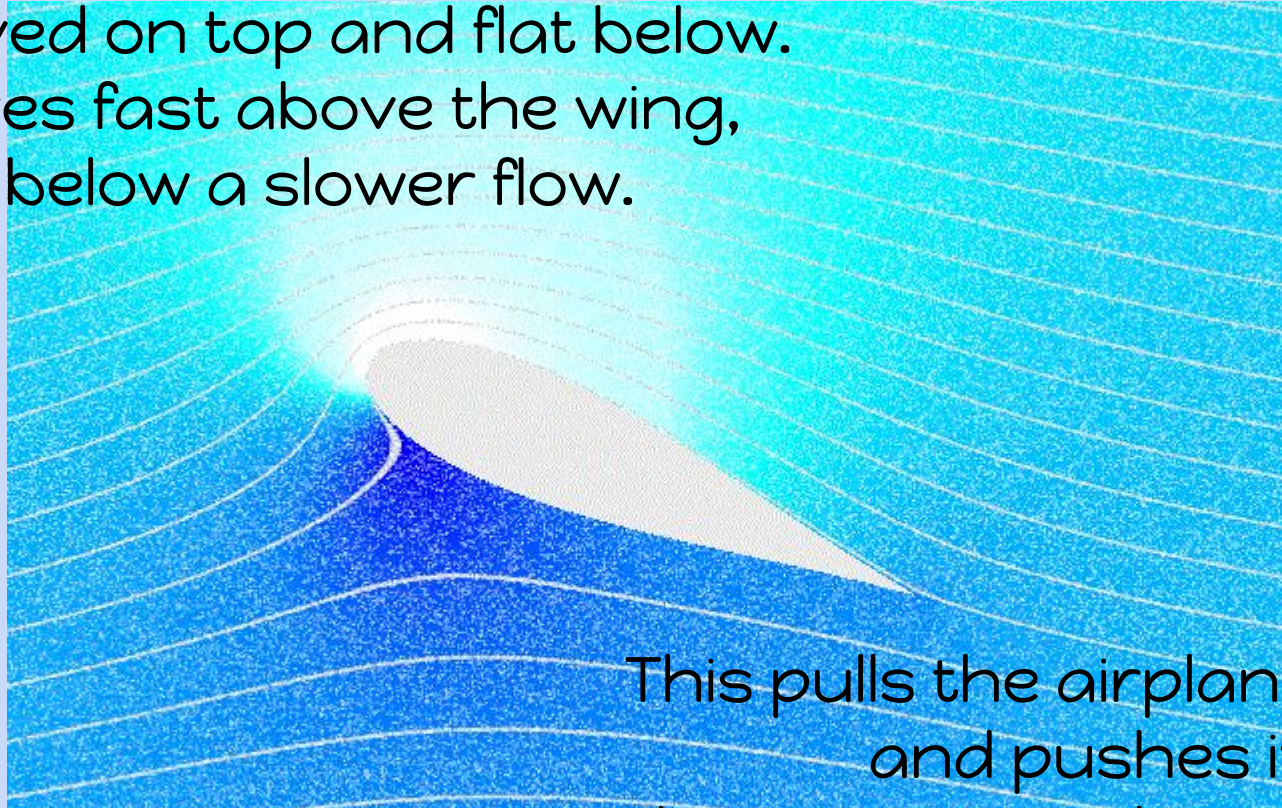
15 crashes and 49 days later,
across the country it would fly!

(Hint: The Hempstead
Plains Gallery)



An airplane's wings are a special shape,
curved on top and flat below.

Air moves fast above the wing,
and below a slower flow.



This pulls the airplane upward,
and pushes it up to fly.

Now the engine needs enough gas,
to keep it in the sky!

Now next is the _____
3 _____,

Charles Lindbergh's famous plane.

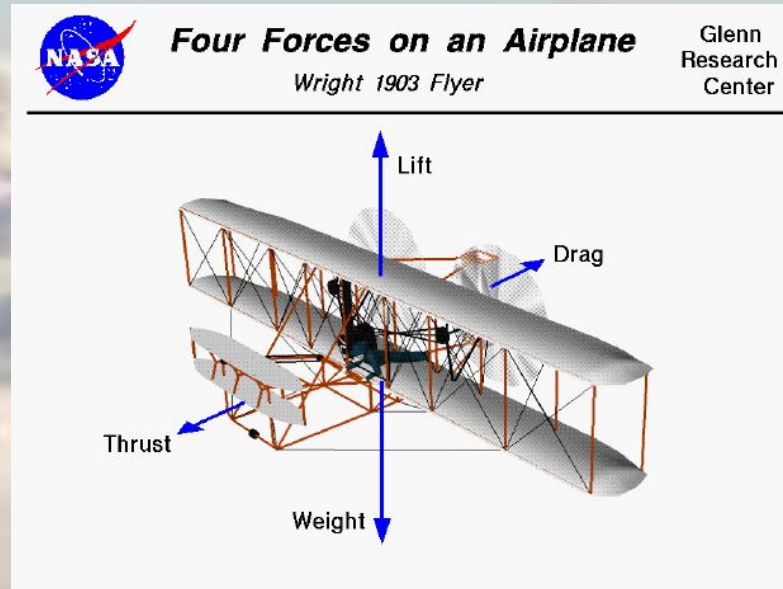
No windshield in the front,
to replace the gas tank he gained!

(Hint: The Golden Age Gallery)



Do you know how flight works?
Lift, Weight, Drag and *Thrust*,

Are the key elements
that you must learn about now first!



The engine certainly loads a lot,
plus all of the food that you just ate,

Means the force to lift the plane up,
must be greater than this weight!



We use the thrust of the engine,
to overcome the drag.

Like using your leg muscles,
to run fast to zip and zag!



The next plane was the best

carrier-based fighter of World War II,

The Grumman F6F or _____,

4

was one of 12,275 that ever flew.

(Hint: World War II Gallery)



Jet airplanes are forced forwards
by quickly expanding gas.

Air forces out the back
causing the jet to speed up fast!



Is it a boat, or is it a plane,

or is it a bit of the two?

The Republic _____ is an amphibian,
1

more of an airplane than a canoe!

(Hint: The Jet Age)



Navigation tells you where you are,
And in what direction you head.

For getting lost could be disastrous,
As well as if your airspeed is in the red!



The final plane is the jet fighter _____,

2

that flies over 600 miles an hour!

It flies in any weather,

with two engines providing power.

(Hint: Jet Gallery Hangar 2)



You are coming in to land,

The runway rushes up and warning bells ring!
Touch down, put up your spoilers, reverse!

WELL DONE CAPTAIN, NOW YOU'VE EARNED YOUR WINGS!

Did you find the hidden message?

$\overline{1} \overline{2} \overline{3} \overline{4} \overline{5} \overline{6}!$

(the answer is on the next page)

KIIE

6

VIN FIZ

5

SPIRIT OF ST. LOUIS

3

HELLCAT

4

SEABEE

1

INTRUDER

2

B E S A F E!

1 2

3 4 5 6