

GREAT SCIENCE SCAVENGER HUNT

As you visit our Museum, work through the following questions. Hint: think back to your "Science of Flight" unit for the answers!



4. Make your way over to the Fairchild KR-34. Behind this plane, you will find a sewing machine. Name the parts of the KR-34 that are covered in cloth. (Look, but don't touch!) What kind of cloth do you think they used?

5. Look for the Otter next (and no, not the animal!). Check out the wings. Is this a monoplane or a biplane? When air rolls over its wings, what characteristic of flight starts to happen?

3. Find CF-OBS. What is its name? What colour are the ailerons on this plane? What do they make the airplane do?

6. Hop over to visit Lady Faye. Let's review Bernoulli's Principle. When air moves over the top of each wing, it moves _____. When air moves over the bottom of each wing, it moves _____.

Use this words: FASTER
SLOWER

2. Look for the Noor-duyn Norseman. This is one tough plane! It could hold 8 grown men, plus their supplies. As you can imagine, this weighed a lot. Name 3 supplies you see piled at the dock. For which characteristic of flight is weight important?

7. What colour is the rudder on the Husky?

1. What are three features of the Silver Dart that you think gave it poor aerodynamic names?