

2013 Summer Day Camps at Calgary International Airport



Mighty Machines! (Monster Machines) July 8-12

- What does it take to make a sturdy structure?
- What are the different types of energy sources?
- Do outside forces change how we need to go about creating different structures?

Be part of an inventing team! Create a mighty machine out of recycled materials. If you have a little inventor at home this is the week is for them!

What's in Our Galaxy? (Star Lab) July 15-19

- What is a constellation?
- How are stars formed?
- What is in space?

Our galaxy is amazing. There is endless knowledge that is just waiting to be discovered! During this week, we discover the constellations and share amazing stories. We also show you simple tricks you can use every night to impress your friends! Can't wait to explore the Galaxy with you!

Suit up & Learn What it Takes! (Living in Space, Problem Solving) July 22-26

- What challenges do astronauts encounter?
- Who was the first country to send astronauts to space?
- What does NASA stand for?

Join our junior astronaut in training program and learn what it takes to train for space travel. We will explore what NASA astronauts are currently working on in space, do some experiments and training of our own, and become SpacePort certified junior astronauts by the end of the week!

Space Travel! (Rocket Lab, Rocket Building) July 29- Aug 2

- How does gravity work?
- What were the three laws that Sir Isaac Newton discovered?
- What are some fuels we can create to blast off a handmade rocket?

Rocket scientist in the making! Let's explore the possibilities of creating a sky high rocket, while taking into consideration Newton's three laws and the very powerful influence of these laws. Let's let our imaginations run wild! Are you a creative or a logical thinker? Both are required to move forward in today's world of technology.

Up, Up and Away! (Earn Your Wings) Aug 5-9

- How does an airplane fly?
- Who is responsible for the first airplane flight?
- Why don't all airplanes have the same wing shapes?

Pilots in the making! This week we will be looking at the past, the present, and the future of aviation! We will be testing the different possibilities of wing shapes, angles, and pressers. Let's see if we have what it takes to be the next Wright brothers!

Exploring our Solar System!! (Planets) Aug 12-16

- Why is Mars red?
- What is the possibility of another planet like earth existing?
- What is a black hole, and how are they formed?

Get your magnifying glass ready! During this week, we will be taking a closer look at the differences between the planets in our solar system. This will include the different weather, surfaces, and types of conditions on the other planets

Wacky Weather / Environment week!

(Pollution, greenhouse effects, plant growth)

Aug 19-23

- ➔ What are the four seasons & why do they occur?
- ➔ What types of influences affect the weather outcomes?
- ➔ What is the greenhouse effect?
- ➔ How can we step up and make a cleaner earth?

This week we will take action! What are some simple steps you can take to save our planet? We will be creating solar, wind, and battery power energy sources. Ever wonder why some parts of the world are burning hot while other parts are covered in snow? How can this happen and why? Have a green thumb? Perfect, we will be looking into plant growth and answering the what, where, and why questions.

Reacting Wonders (Experiment)

Aug 26-30

- ➔ What is a chemical reaction?
- ➔ What kind of safety steps are important to take when mixing the unknown?
- ➔ What are some similarities and differences between solids, liquids, and gas?

Have you ever wondered what could happen if you mixed different substances together? Want to explore different reactions and understand why and how they happen? This week is perfect for unleashing the chemist from within!

Hours:

8:30 a.m. - early drop off if required

9 a.m. to 4:30 p.m. – full camp day

5 p.m. - late pick up if required

Group sizes:

15 children per group with at least one counselor per 10 children.

Food & Beverage:

Lunch & snacks are **not** provided; however, the Destination Food Court next to SpacePort offers a great selection of items along with free seating (if you choose to pack snacks and lunches).

Additional Information:

SpacePort has been running space and aviation-themed summer day camps since 2001, and they grow bigger and better every year. Campers participate in various science workshops, stage shows, and craft projects. They will also have the opportunity to work together to pursue the fascinating aspects of science, space, and aviation. Activities adapted from our Educational Programs and NASA's educational division are combined with arts and crafts, science activities, and outdoor games, giving the campers the opportunity to get creative and explore the great beyond. Ratios are small, allowing us to emphasize creativity, learning, and excitement!

Come and join SpacePort's wonderful staff for a summer full of fun! Inspire your children's interest towards space and aviation through hands-on activities, multi-media presentations, and outdoor activities.

Prices:

\$100/ per week (2) month

\$125/ per week (1) month

\$150 / per week – under (1) month

*Prices include t-shirts, Airport ID badges, and supplies for the week & a special treat every Friday!

Discounts:

\$15/ per week off for all airport employees

Ideal for ages:

7 – 12

To register please contact:

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