

Festival Activities

~ Youth themed ~

Circus of Science

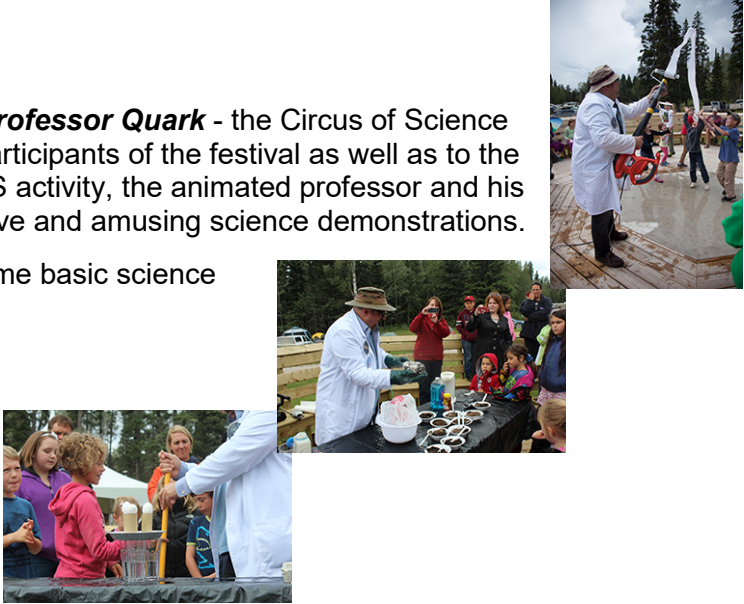
Sponsored by – NT Power Corporation

Brought to you live by the super-energized **Professor Quark** - the Circus of Science is an entertaining program for the younger participants of the festival as well as to the amusement of the young-at-heart. At the CoS activity, the animated professor and his recruited volunteers present a set of interactive and amusing science demonstrations.

Kids and adults alike will unwittingly learn some basic science while also being gleefully entertained.

Past activities have included:

- Cooking a Comet
- Toilet Paper Aurora
- Mentos Rocket Cars
- Newton Smacks an Egg
- Solar System Salad
- 2001 - A Space Bucket Odyssey



★ Friday & Saturday afternoon

Rocket Central

Sponsored by – NT Power Corporation

Rockets are always a sure blast with the kids and, for that matter, everyone else. At our Science Academy all that is really needed is some creativity and curiosity.

On Friday, a devoted team of “rocket scientists” will provide guidance control to the teams as they design, assemble and decorate their adaptations of a rocket.

The real “blast” happens late Saturday afternoon at our live rocket launch!



★ Friday & Saturday afternoon

Cosmic Crafts

Hosted by – Wood Buffalo National Park

Feeling a need for individual creativity? Head over to the Cosmic Crafts table that is set up during the afternoons to dabble, fiddle, paint, twiddle your time away.

Although this activity is meant for the kids... We won't turn anyone away.

☆ Friday & Saturday afternoon



Science Academy

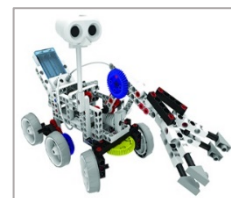
Hosted by – Aurora Research Institute

Learning about robotics and coding is all the rave and students everywhere are practicing these new skills.

On Friday, at SA stations, youth can try some hands-on activities. The ARI hosts will have several kits and activities that are aimed not only to entertain but to also educate youth.

On Saturday, kids will be paired up in teams to discover the world of Galileo – he's the dude who made one of the first telescopes. At this academy, kids will assemble a working Galileo telescope.

☆ Friday & Saturday afternoon



AuroraNauts

Sponsored by – NT Power Corporation

For older kids (+12 years), here is a chance for them to enlist and become an **AuroraNaut!**

At this STEM activity, teams can choose to build Medieval Siege Tower from pre-cut parts or, assemble a bridge or other engineering-based item using uncooked pasta and hot glue or marsh-mellows.

On Friday, the teams will decide whether to assemble a siege tower from the kit, or they can use their own creativity to build a spaghetti structure (we provide basic templates and instructions).

Saturday afternoon, teams can continue to work on their projects. This is a chance to finish up, do some testing and practice or, if time permits, critique the other teams.

After dinner, the spectators get to sit back and relax while the teams are tested by a panel of distinguished judges.

Advance sign-up is recommended.

☆ Friday & Saturday afternoon

