



STEM Science, Technology, Engineering and Mathematics

November 18-20, 2016

If you have a smart phone please download the 'Actionbound' app as this will be used as part of the activities. (If you don't have a smart phone- don't worry!)

Ideas for using Technology as part of the program:

- Create an online fundraising page or e-commerce site
- Create online event sign ups (e.g. Eventbrite)
- Host a virtual meeting on a snow day
- Set up a virtual scrapbook or unit Instagram page that the girls can all access and contribute to.
- Learn a song or activity using YouTube
- Facetime with a guest speaker
- Solar cookers

Free and Easy online resources:

- 3D design- TinkerCAD
- Software Coding – Google madewithcode.com
- Hardware coding- BBC Microbit- purchase from rselectronics for around \$20, free programming software available online that can also be used without the hardware!

Meeting Plan resources:

These are great for using to cover portions of the Pathfinder and Ranger STEM program. All the instructions are included so can be organised and run by the girls, even as a bridging activity).

- WISE- People like me
- Engspire instant meetings (Kits are also available at www.engspire.org)
 - Mission to Mars
 - Crazy Contraptions
 - Super Engineers
 - Don't Wake Mom!