

General MESA Day Web Resources:

Robotics:

For any new programs needing NXT programming help please visit the different tutorial links:

http://www.ortop.org/NXT_Tutorial/index.html

Roller Coaster:

Sample Activity and Concepts. Roller Coaster Marbles: How Much Height to Loop the Loop?

http://www.sciencebuddies.org/mentoring/project_ideas/Phys_p036.shtml

Roller Coaster Models:

<http://www.rollercoastermodels.com>

Fear of Physics.com: How to make a Roller Coaster Work

<http://www.fearofphysics.com/Roller/roller.html>

The Ultimate Roller Coaster Contest:

<http://school.discoveryeducation.com/lessonplans/programs/rollercoaster/>

Wind Energy Challenge:

View an entire wind farm being built from start to finish:

<http://www.slideshare.net/mobear410/spearville-wind-farm>

A great resource...possible field trip! Has maps, graphs, links, industry information, and more!

<http://www.mesalands.edu/wind/default.htm>

Has a link to Wind with Miller which is a great learning tool. Click on the British flag for English:

<http://windpower.org>

American Wind Energy Association. Education link goes to NEED wind energy curriculum. Good general resources on wind energy:

<http://www.awea.org>

Has an online store for materials, lesson plans, activities and more! A GREAT resource for anything related to Wind Energy:

<http://www.kidwind.org>