Engineers create new things to meet needs and solve problems. Do you enjoy doing the kinds of things engineers do? Circle things you enjoy doing.

I try to figure out how things like toys and machines at home work.

I like to try to fix household items that break, even though I may need help.

I like to build or make things like roads and castles at the beach.

I like to build things from model kits, sometimes customizing them by modifying the basic model and adding extra details.

I like to use computer programs to solve special problems that interest me.

I like to invent my own games.

Engineers use the principles of mathematics and science to do their work. Do you enjoy mathematics and science? Circle things you enjoy doing at school.

I enjoy solving math problems.

I like science in school, especially the experiments.

I find ways to use the ideas I learn at school and apply them to real-life problems.

If you circled any of the items above, you could be a future engineer, scientist, or even an astronaut!
Find out about three different jobs related to astronomy, space flight, or robotics. Share what you learned with your family!

Job Name = ________________________________

What did you learn about this job?

_________________________________________________________________

_________________________________________________________________

Job Name = ________________________________

What did you learn about this job?

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Job Name = ________________________________

What did you learn about this job?

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ORBITAL VELOCITY (THE LAB)

Watch the demonstration about orbital velocity. Write down one thing you learned

_________________________________________________________________

To save ink and paper, find observation worksheets for The Lab experiments in The Lab! See below for a rank by rank breakdown of activities for Career Exploration, The Lab. Note: Not all activities supplemental worksheets.

Lion = Build It Up, Knock It Down  |  Tiger = Game Time  |  Wolf = Begin a Collection  
Bear = Static Electricity Experiment, Sink or Float, Color Morphing, Color Layering  |  Webelos / AOL = What’s a Fair Test?