

## Family Activities

*These STEM activities are things the whole family can enjoy!*



## Coloring Page

*Show us your creative skills! Take a picture and tag us in your posts when you complete.*



## I Spy

*Find things around the house or in your yard that match each color found on the activity sheet.*



## Soil Sampling

*Calling all future Geotechnical Engineers!*



## Word Scramble

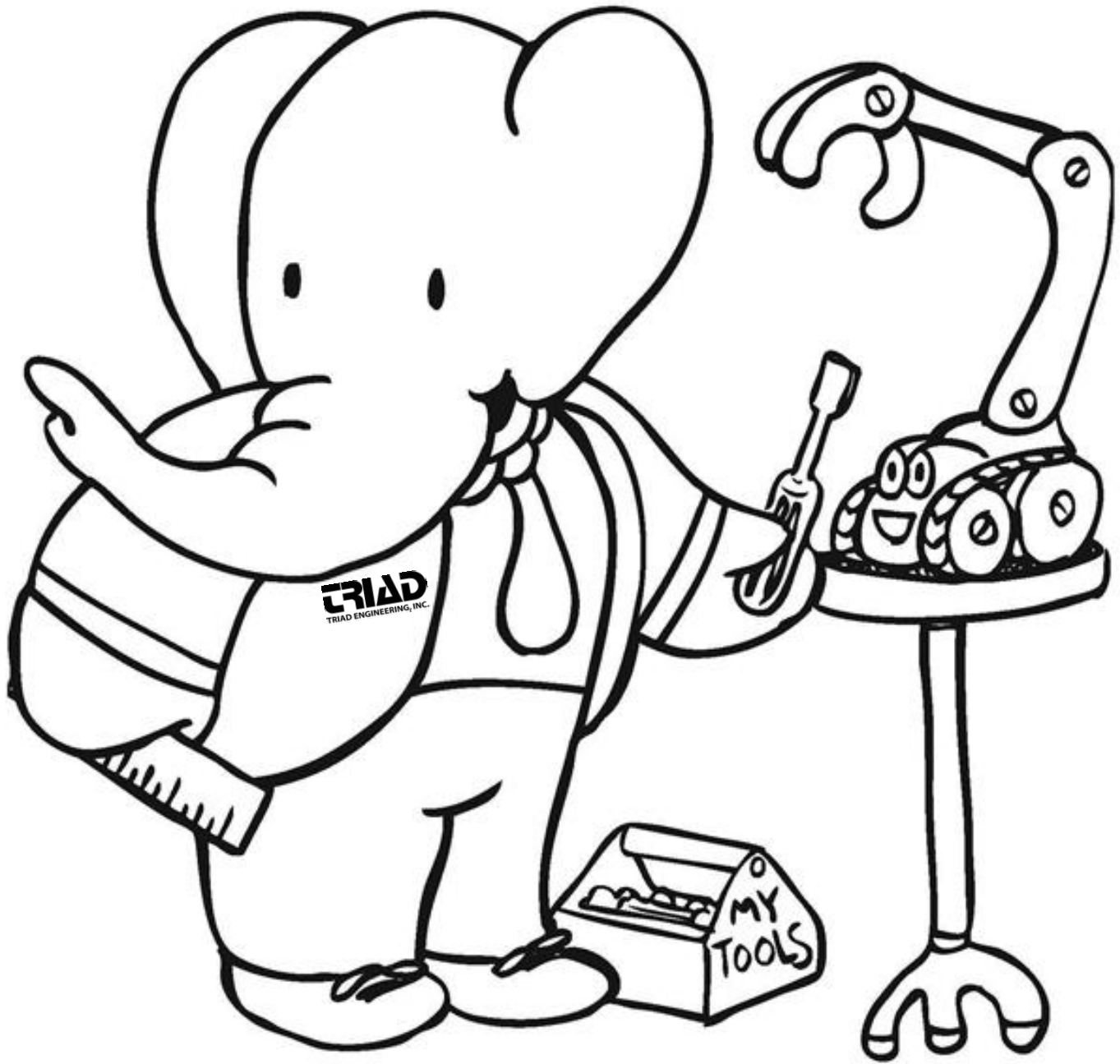
*Unscramble the words to discover familiar terms used in engineering.*



## STEM Based Family Activities

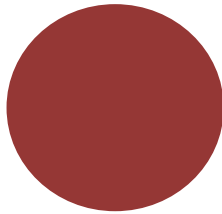
- Repair a broken toy
- Use a cardboard box to create a spaceship
- Make up your own game creating a game board
- Learn and play chess
- Make a blueprint of your house
- Design your own puzzle
- Learn about time-lapse and make your own time-lapse video
- Draw a picture using only circles, triangles, and rectangles
- Build something using pulleys and gears

Coloring Page

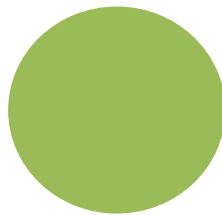


I Spy

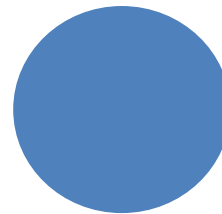
*Get creative! Find something that matches each color inside your house or in your yard.*



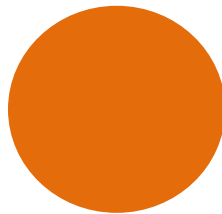
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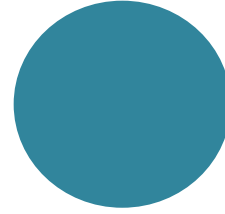
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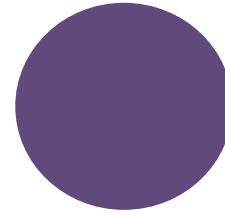
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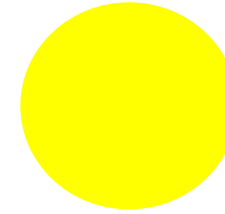
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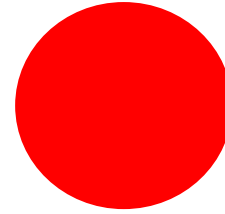
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## Soil Sampling

At Triad, we sample many types of soil. We test these samples to see what they do when it gets hot, cold, and/or wet. Scoop up some soil and leave it in the hot sun or pour water on it to see what happens to it. Record your results below:

1. What does it look like?

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What does it do when left in the sun?

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What does it do with water added?

2. What does it look like?

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What does it do when left in the sun?

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What does it do with water added?

3. What does it look like?

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What does it do when left in the sun?

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What does it do with water added?

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## Word Scramble

1. YSETFA\_\_\_\_\_
2. BOROYATRLA\_\_\_\_\_
3. TROINOM\_\_\_\_\_
4. GSIEND\_\_\_\_\_
5. JOPECTR\_\_\_\_\_
6. ESVUYR\_\_\_\_\_
7. PISNLAGM\_\_\_\_\_
8. TISRNUCTCONO\_\_\_\_\_
9. NRNEGIEE\_\_\_\_\_
10. SPIECNT\_\_\_\_\_

**ANSWER KEY:**  
1. SAFETY 2. LABORATORY 3.  
MONITOR 4. DESIGN 5.  
PROJECT 6. SURVEY 7.  
SAMPLING 8. CONSTRUCTION  
9. ENGINEER 10. INSPECT