

Name:

Mod:

Date

## Technology Education

### Crash Course Engineering #40

#### How the Leaning Tower of Pisa was saved.

1. What branch of engineering is about creating the infrastructure we need for the places we want to live?
2. What kind of engineers investigate the rock and soil that structures are to be built on?
3. What kind of force is needed in a foundation to prevent a building from falling over, sinking or snapping?
4. What is one of the most complex environments that engineers have to work with and one of the ones with the most variety?
5. What is how much force that can be transmitted for an area without the soil changing shape?
6. What type of stress is the most in play when calculating Bearing Capacity?
7. What material in soil can be an indicator of how strong a soil can be?
8. What branch of engineering protects against the effects of earthquakes?