Adaptations Design with Robots
WHAT ARE YOUR BASIC NEEDS?

1. FOOD
2. WATER
3. SHELTER
4. OXYGEN
Animals have specialized body parts (ADAPTATIONS!) that help them get their basic needs.

http://www.fws.gov/pacific/highlights_archive/Feature.cfm?id=13682
http://www.nps.gov/badl/naturescience/animals.htm
http://www.kpl.gov/events/animal-adaptations.aspx/
HEREDITY

Adaptations are passed down from parents to offspring
Adaptations come in many forms

Today we will learn about one way adaptations help:

**LOCOMOTION**
LOCOMOTION
Four Legged Walker Bot
MATERIALS
What The Activity Demonstrates

• Animals have specialized body parts that help them survive in the wild
• Locomotion
• Measuring in centimeters
• Biomimicry
• Pressure (Weight / Area)
• Engineering Desing Process
Questions?