SHRINKING ROBOTS!
What is a robot?
Robots are machines that can sense, plan, and act.
How small can robots be?
Are there robots the size of a child?
Yes! There are robots the size of a child!
Mars rover
Humanoid robot
Are there robots the size of a hand?
Yes! There are robots the size of a hand!
Vacuuming robot
Climbing robot
Swarming robot
Matching Orientation
Are there robots the size of a finger?
Yes! There are robots the size of a finger!
Crawling robot
Medical robot
Flying robot
Are there robots the size of a freckle or hair?
Yes! There are robots the size of a freckle or hair!
Smallest robot!
What are nanobots?
Are they real?
Nanobots would be very, very small robots!

- The size of cells or molecules
- Able to sense, plan, and act
Nano is very, very small

- A nanometer is a billionth of a meter
- **Molecules** are nanometers across
Are there robots the size of a **cell** or a **molecule**?
NO! There are no robots the size of a cell or molecule!

These are pictures of imaginary robots!
Nanobots patrolling pulmonary alveola
Nanocars (not robots)
SHRINKING ROBOTS!
End