

Nanotechnology: Fact or Fiction?

Components and Learning Goals

BIG IDEA Many real examples of nanotechnology exist, but others (such as nanobots) are imaginary.	CONSTRUCTION AREA Nano-reality (graphic)	CONSTRUCTION AREA Nano-fiction (graphic)	CONSTRUCTION AREA If you could build... (graphic+activity)	DISPLAY AREA Is that robot real? (scale ladder graphic)	BOOK Is that robot real?	PROGRAM How small can a robot be?
Nano is very, very small.				✓	✓	✓
Nanotechnology is real and can be found in many applications and consumer products.	✓					
Nanobots are not real and do not currently exist.		✓	✓	✓	✓	✓
There are many challenges related to creating a nano-sized robot.					✓	✓
In the future, nanobots might exist and might be able to do useful things.			✓		✓	✓