

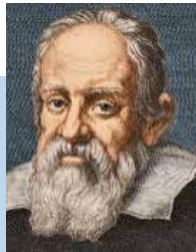
WHAT SHOULD I ALREADY KNOW?

- Objects can move when pushed and pulled.
- Surfaces have different textures.
- Some materials are smooth and some are rough.

NOTABLE SCIENTIST

GALILEO GALILEI

Galileo Galilei was a scientist. He decided to run an experiment involving forces. He used the famous landmark: the Leaning Tower of Pisa during the experiment. He went to the top and dropped two items that were different weights, but were the same size and shape.



He believed that the heavier item would land first, but it didn't. They both landed at the same time.



WEAVING CONCEPTS



STICKY KNOWLEDGE

- Pushing and pulling can make things move faster or slower.
- Pushing and pulling can make things move or stop.
- Things can move in different ways.
- Larger masses take bigger pushes and pulls to move or stop them.
- Pushing and pulling can change the shape of things.
- Bigger pushes and pulls have bigger effects.

VOCABULARY

Force	A push or a pull upon an object resulting from its interaction with another object.
Push	A force to move something forward or aside.
Pull	A force to move an object closer or towards you.
Surface	An object's top layer.

ENQUIRY TYPES

1. Observing changes over time
2. Pattern Seeking
3. Grouping & Classifying
4. Fair Testing
5. Research

