LESSON ORGANIZER

UNIT OR BACKGROUND
Physical Science

Newton’s Laws of Motion

Forces and Machines

(Lessons)

Lesson Topic
Newton’s Laws of Motion

IS ABOUT

A force is needed to move something, it is affected by the object’s mass and there is always an opposing force

1. An object at rest stays at rest
2. F=ma change in motion depends on the mass and amount of force applied
3. For every action, there is a reaction (opposing forces)

DISCUSSION: Relationship - 1) Lesson to Unit AND 2) Importance of Lesson to Daily Life

1. Newton’s Laws are part of physical science
2) This could help you understand why a vehicle needs more distance to stop on icy streets compared to dry streets

Self-Test Questions (Evaluation):

1. Do I know that an object at rest stays at rest?
2. Do I know F=ma which means that a motion depends on the mass and amount of force applied?
3. Do I know for every action there is a reaction?

Tasks/Strategies:

- Kinesthetic – slide an object on tile vs carpet
- Visual/auditory – view video below

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