

The Unit Organizer

4 BIGGER PICTURE

NAME _____
DATE _____

← **Force and Motion** →

2 LAST UNIT /Experience

1 CURRENT UNIT

3 NEXT UNIT /Experience

Intro to Energy

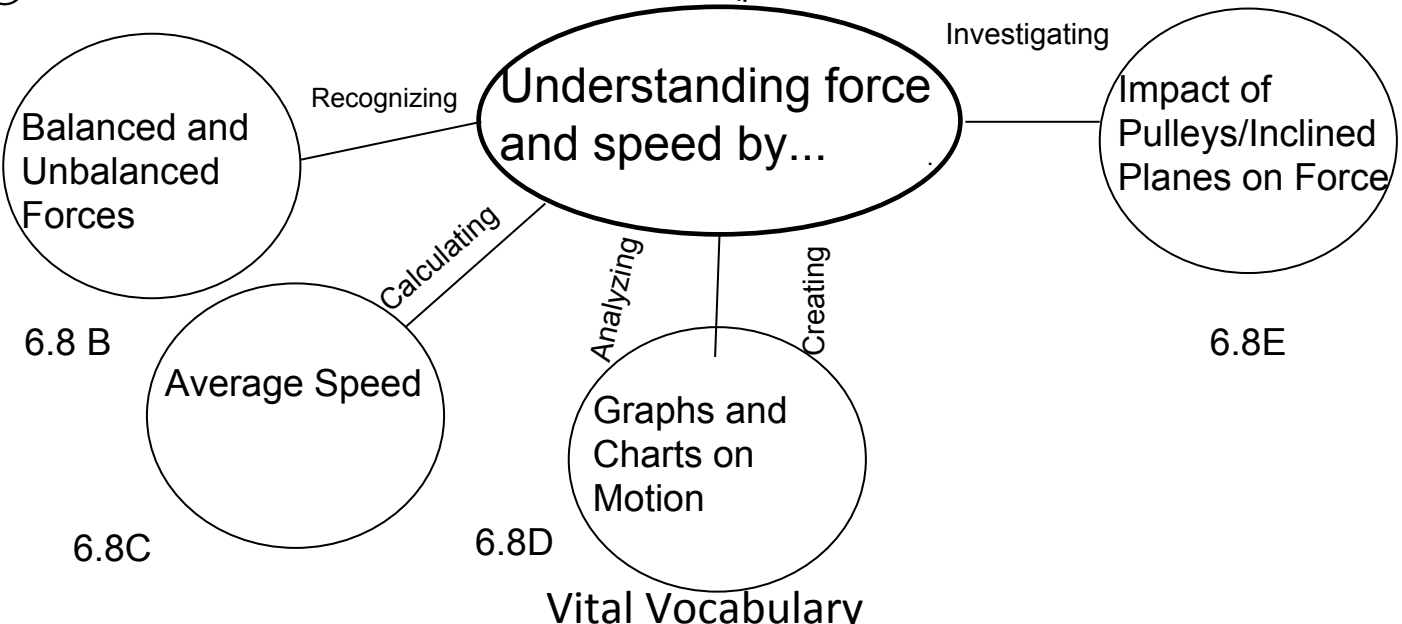
Force and Speed

Life Science

8 UNIT SCHEDULE

- 1/15- Unit Launch Date
- 1/16/22: Balanced and Unbalanced Forces
- 1/23: Quiz on Force
- 1/26-2/7: Average Speed/Charts and Graphs
- 2/8-2/14: Inclined Planes and Pulleys
- 2/15: Review Unit
- 2/16: COMMON ASSESSMENT

5 UNIT MAP



- Vital Vocabulary**
- Balanced Force
 - Net Force
 - Speed
 - Distance
 - Time
 - Inclined Plane
 - Unbalanced Force
 - Motion
 - Gravity
 - Pulley
 - Simple Machine
 - Force
 - Average
 - Newtons

7 UNIT SELF-TEST QUESTIONS

1. How do we calculate the average speed of an object?
2. How does a simple machine like a pulley affect the amount of force needed to move an object?
3. What is the difference between balanced and unbalanced forces? How does unbalanced force affect the direction an object moves?
4. How can looking at graphs help us understand the motion/speed of an object?

- Recognize
- Calculate
- Analyze
- Create
- Investigate
- Compare

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