

# The Unit Organizer

④ BIGGER PICTURE

NAME \_\_\_\_\_  
DATE \_\_\_\_\_

← Gravity's effects →

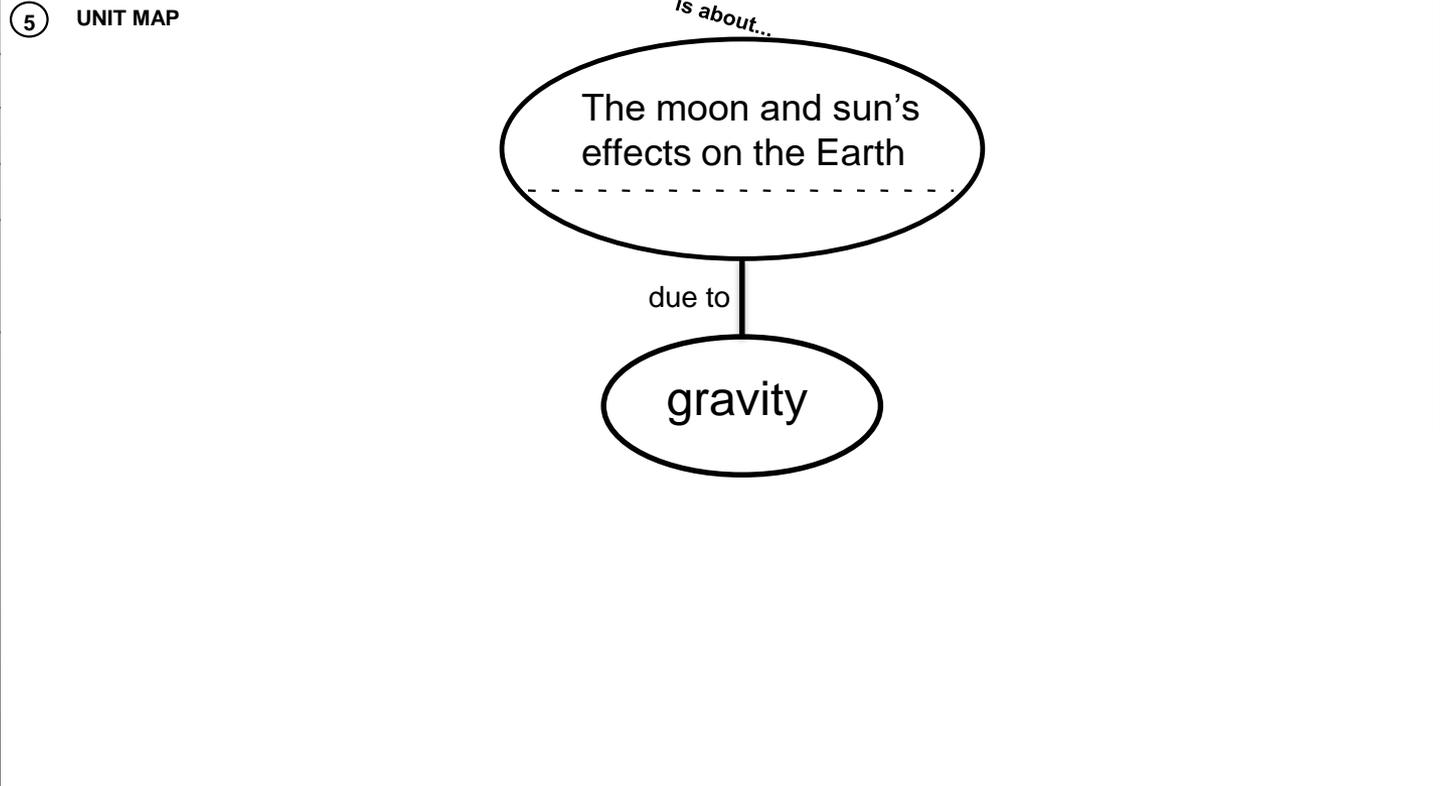
② LAST UNIT /Experience  
Unit 5.1: Rotation, Orbits & Seasons

① CURRENT UNIT  
Unit 5.2: Moon & its Phases, Tides & Eclipses

③ NEXT UNIT /Experience  
Unit 6.1: Formation of Our Solar System

⑧ UNIT SCHEDULE

	Moon phase cookie lab
	Moon Phase focused notes
	Eclipse Video
	Eclipse Modeling Stations
	Tides BrainPop
	Tides QER
	Tides CER
	Post-Test



- ⑦ UNIT SELF-TEST QUESTIONS
1. What patterns result from interactions of rotation and revolution within the sun, earth, moon system?
  2. Why does the illumination of the Moon's surface appear to change when viewed from Earth even though the Sun continuously illuminates half of the moon?
  3. How does the relative motion of the Sun, Earth and Moon change the positions of these three bodies during a 28 day period (one month) and during a 365 day period (one year)?
  4. Why do tides occur on a predictable schedule that coincides with the lunar cycle?
  5. What motions and relationships within the Sun, Earth, and moon system cause the predictable pattern of eclipses?

⑥ UNIT RELATIONSHIPS

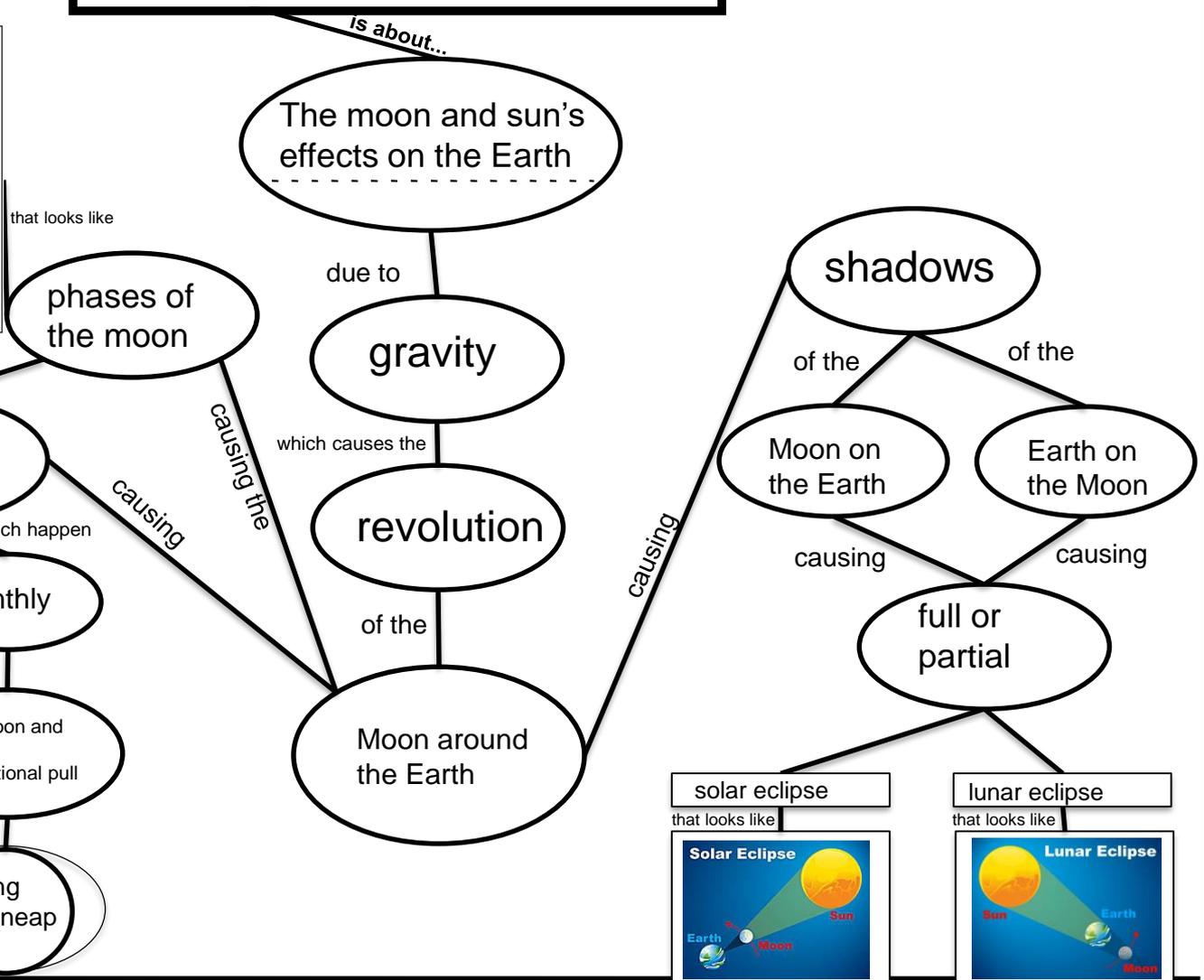
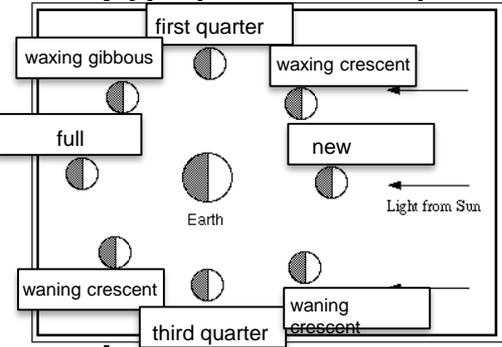
Explain
Relate
Describe
Model

# The Unit Organizer

## Unit 5.2: Moon & its Phases, Tides & Eclipses

NAME \_\_\_\_\_  
DATE \_\_\_\_\_

### 9 Expanded Unit Map



10  
NEW  
UNIT  
SELF-TEST  
QUESTIONS