

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

5 UNIT MAP

~~Moon phase cookie lab~~
Moon Phase focused
~~notes~~
Eclipse Video

Eclipse Modeling Stations

Tides BrainPop

Tides QER

Tides CER

Post-Test

is about...

The moon and sun's effects on the Earth

due to

gravity

UNIT SELF-TEST QUESTIONS

7

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?

Explain
Relate
Describe
Model

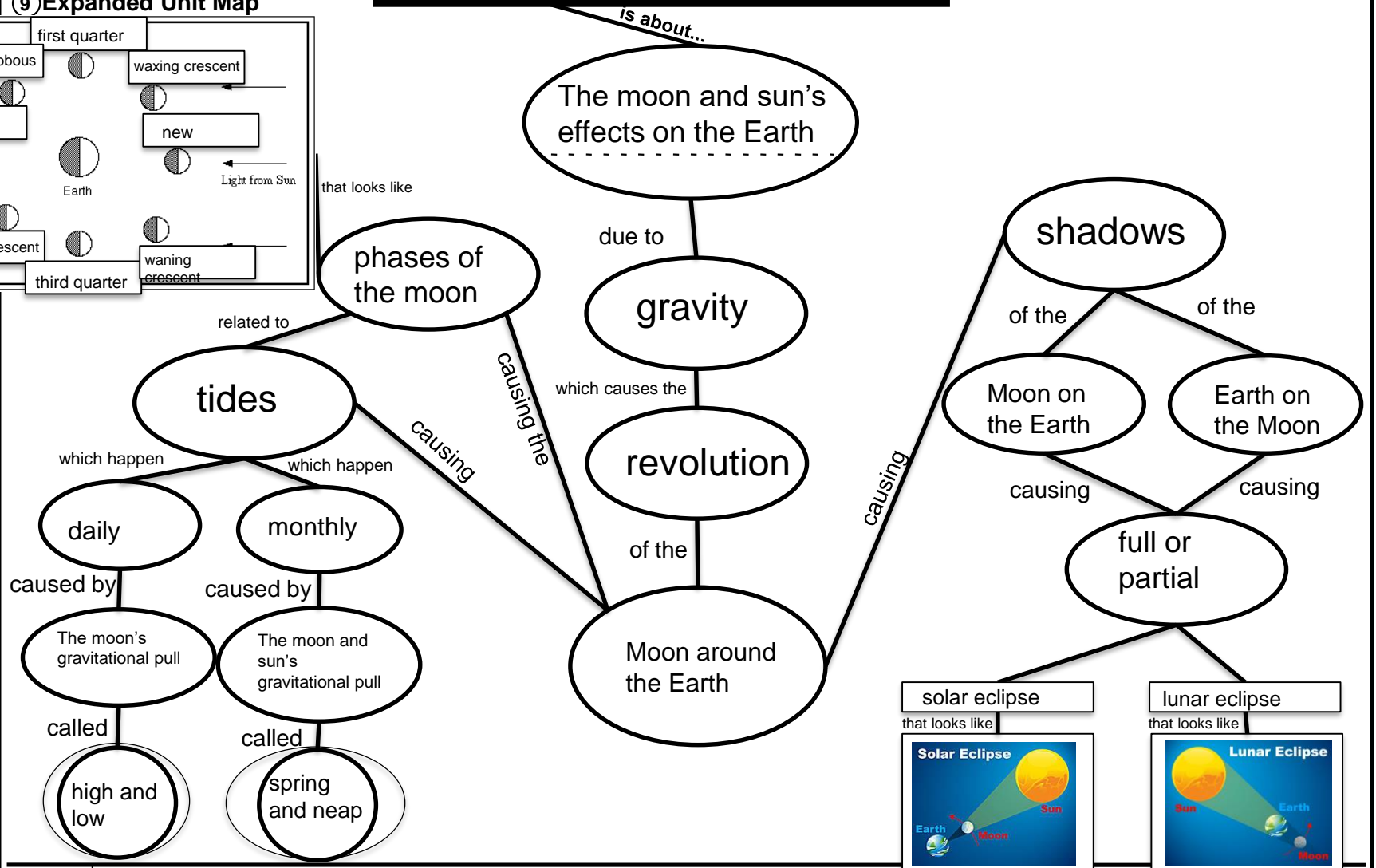
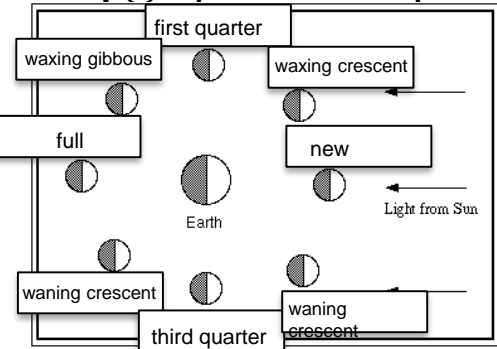
UNIT 6
RELATIONSHIPS

The Unit Organizer

Unit 5.2: Moon & its Phases, Tides & Eclipses

NAME _____
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9 Expanded Unit Map



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NEW
UNIT
SELF-TEST
QUESTIONS