

Playlist 12/15-12/19

Due dates for each assignment will be listed in Google Classroom.

Learning Targets

Standard: 7.ESS.4: The relative patterns of motion and positions of Earth, moon and sun cause solar and lunar eclipses, tides and phases of the moon.

Vocabulary:

- **Tides:** daily changes in the level of the ocean water
- **high tide:** water level is higher than average sea level
- **low tide:** water level is lower than average sea level
- **spring tide:** largest daily tidal range which happens when the sun, Earth and moon are aligned
- **neap tide:** smallest daily tidal range which happens when sun, Earth and moon form a 90 degree angle
- **tidal range:** the difference of levels of ocean water at high and low tides
- **tidal bulge:** a bulge of water formed by the pull of the Sun and Moon's gravity

| <u>Day of Week</u> | <u>In Class Task</u> | <u>Outside of Class Task</u> |
|---------------------------|---|-------------------------------------|
| <u>Monday</u> | <ul style="list-style-type: none">• Review for tides test | |
| <u>Tuesday</u> | <ul style="list-style-type: none">• Review for tides test | |
| <u>Wednesday</u> | <ul style="list-style-type: none">• Tides test | |
| <u>Thursday</u> | <ul style="list-style-type: none">• Holiday fun | |
| <u>Friday</u> | <ul style="list-style-type: none">• Holiday fun | |