

Science 3 – 5 for use with NGSS 2013:

Earth and Space Science: Earth’s Place in the Universe

Eclipses and Moon Phases

Students

Learning Continuum Statements:

Students:

RIT 171-180:

- Identifies the pattern of the phases of the Moon

Students:

RIT 181-190:

- Identifies the pattern of the phases of the Moon

Students:

RIT 191-200:

- Describes the causes of eclipses, using a model of the Earth-Sun-Moon system
- Identifies the pattern of the phases of the Moon

Students:

RIT 201-210:

- Describes data needed to investigate the phases of the Moon
- Describes the causes of eclipses, using a model of the Earth-Sun-Moon system
- Determines the phases of the Moon using a model of the Earth-Sun-Moon system
- Identifies the pattern of the phases of the Moon

Students:

RIT 211-220:

- Describes data needed to investigate the phases of the Moon
- Describes the causes of solar eclipses
- Analyzes and interprets data to determine the length of a lunar cycle
- Determines the phases of the Moon using a model of the Earth-Sun-Moon system

Students:

RIT 221-230:

- Describes the causes of solar eclipses
- Applies knowledge of Sun-Earth-Moon system to design a model of the system
- Determines the phases of the Moon using a model of the Earth-Sun-Moon system

Students:

RIT 231-240:

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Students:

RIT 241-250:

- Relates positions of the Moon as seen from Earth to the times for moonrise