

Science 3 – 5 for use with NGSS 2013:

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

The Universe, Stars, and Galaxies

Students

Learning Continuum Statements:

Students:

RIT 191-200:

- Relates stellar brightness to distance from Earth

Students:

RIT 201-210:

- Relates changes in stellar positions as seen from Earth to Earth's spin/rotation
- Relates stellar brightness to distance from Earth
- Supports arguments with evidence or models about the relationship between the brightness of stars and their relative distance from Earth
- Applies evidence from models to determine how distance from Earth affects the apparent brightness of stars

Students:

RIT 211-220:

- Analyzes and interprets data to describe the motion of stars as seen from Earth
- Infers claims being investigated about how distance from Earth affects the brightness of stars
- Applies evidence from models to determine how distance from Earth affects the apparent brightness of stars
- Relates changes in stellar positions as seen from Earth to positions of Earth in its orbit

Students:

RIT 221-230:

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Students:

RIT 231-240:

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Students:

RIT 241-250:

- Determines data needed for investigations relating the movement of constellations to the motion of Earth