

## Science 3 – 5 for use with NGSS 2013:

### Earth and Space Science: Earth's Systems

## Earth's Layers

#### Students

#### Learning Continuum Statements:

#### Students:

**RIT 171-180:**

- Describes how earthquakes shape Earth's surface

#### Students:

**RIT 181-190:**

- Recognizes rapid and slow processes that change Earth's surface
- Describes how earthquakes shape Earth's surface

#### Students:

**RIT 191-200:**

- Recognizes rapid and slow processes that change Earth's surface
- Describes how earthquakes shape Earth's surface

#### Students:

**RIT 201-210:**

- Describes how volcanic eruptions change Earth's surface
- Describes how magma and lava from volcanoes shape Earth's surface
- Recognizes rapid and slow processes that change Earth's surface
- Describes how earthquakes shape Earth's surface

#### Students:

**RIT 211-220:**

- Describes how volcanic eruptions change Earth's surface
- Develops and uses models to represent effects of volcanic eruptions on Earth systems
- Describes land features by analyzing topographic maps
- Recognizes rapid and slow processes that change Earth's surface

#### Students:

**RIT 221-230:**

- Describes land features by analyzing topographic maps

#### Students:

**RIT 231-240:**

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#### Students:

**RIT 241-250:**

- Describes land features by analyzing topographic maps
- Develops and uses models to describe which Earth systems interact to produce specific phenomena