Spatial Thinking in the New York State Earth Science Regents Exams

Key to Codes used to Identify Spatial Concepts, Spatial Representations, and Spatial Skills Associated with Regents Items

**Spatial Concepts** (SC)

- **An** – Angle
- **Ar** – Area
- **Cn** – Configuration
- **Cy** – Cycle
- **Dr** – Direction
- **Ds** – Distance
- **GI** – Global Interconnection
- **Gr** – Gradient
- **Mo** – Motion
- **Po** – Position
- **Sh** – Shape/morphology
- **Sp** – Speed
- **Sz** – Size
- **Tr** – Trajectory
- **Tx** – Texture
- **VI** – Volume

**Spatial Representations** (SR)

- **BD** – Block diagram
- **GD** – Graph of Y versus Distance
- **Mp** – Map
- **Pf** – Profile/Cross-section
- **Ph** – Photograph
- **SS** – Solar System
- **O** – Other

**Spatial Skills** (SS)

- **D** – Describe
- **MA** – Mental Animation
- **PT** – Perspective Taking
- **RC** – Representational Correspondence
- **S** – Sequencing
- **VPA** – Visual Penetrative Ability