

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