

# MAP for Primary Grades Instructional Data: Mathematics Measurement and Geometry

## Skills: Spatial, Transformations, Symmetry, Congruence (2 of 2)

	Symmetry	Transformations	Visualizations
<b>Students:</b> (RIT 181-190)	<b>RIT 181-190:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<b>RIT 181-190:</b> <p><b>188</b> Illustrates a transformation (slide; manipulatives shown; graph paper)</p> <p><b>184</b> Illustrates a transformation (turn; manipulatives shown; real-world objects)</p> <p><b>182</b> Classifies a transformation (turn; manipulatives and words shown; geometric shapes)</p>	<b>RIT 181-190:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>
<b>Students:</b> (RIT 171-180)	<b>RIT 171-180:</b> <p><b>180</b> Illustrates symmetry (half of a symmetrical object; manipulatives shown; dot paper)</p> <p><b>171</b> Illustrates symmetry (line of symmetry; manipulative shown; geometric shapes)</p>	<b>RIT 171-180:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<b>RIT 171-180:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>
<b>Students:</b> (RIT 161-170)	<b>RIT 161-170:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<b>RIT 161-170:</b> <p><b>165</b> Illustrates a transformation (flip; manipulatives shown; real-world objects)</p>	<b>RIT 161-170:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>
<b>Students:</b> (RIT 151-160)	<b>RIT 151-160:</b> <p><b>160</b> Illustrates symmetry (half of a symmetrical object; manipulatives shown; real-world objects)</p> <p><b>151</b> Illustrates symmetry (circle cut into two equal parts with a line of symmetry; multiple shapes)</p>	<b>RIT 151-160:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<b>RIT 151-160:</b> <p><b>156</b> Identifies the name of the shape of the top on a 3-D figure as a 2-D figure (cylinder; manipulatives and words shown; 3-D geometric figure)</p>
<b>Students:</b> (RIT 141-150)	<b>RIT 141-150:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<b>RIT 141-150:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<b>RIT 141-150:</b> <p><b>145</b> Identifies the shape of a face on a 3-D figure as a 2-D figure (cube; manipulatives shown; 3-D geometric figure)</p>
<b>Students:</b> (RIT 131-140)	<b>RIT 131-140:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<b>RIT 131-140:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<b>RIT 131-140:</b> <p><b>131</b> Identifies the shape of the top on a 3-D figure as a 2-D figure (cylinder; manipulatives shown; 3-D geometric figure)</p>
<b>Students:</b> (RIT 121-130)	<b>RIT 121-130:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<b>RIT 121-130:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<b>RIT 121-130:</b> <p><b>128</b> Identifies the shape of the top on a 3-D figure as a 2-D figure (box; manipulatives shown; 3-D geometric figure)</p>