

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

## Skills: Spatial, Transformations, Symmetry, Congruence (1 of 2)

	Congruency	Locations	Similarity	Spatial Relationships
<b>Students:</b> (RIT191-200)	<b>RIT 191-200:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<b>RIT 191-200:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<b>RIT 191-200:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<b>RIT 191-200:</b> <b>197</b> Composes and decomposes 2-D figures (manipulatives shown; 3 geometric shapes)
<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> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<b>RIT 181-190:</b> <b>182</b> Illustrates similarity (manipulatives shown; real-world objects)	<b>RIT 181-190:</b> <b>184</b> Composes and decomposes 2-D figures (manipulatives shown; geometric shapes)
<b>Students:</b> (RIT 171-180)	<b>RIT 171-180:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<b>RIT 171-180:</b> <b>174</b> Understands location words (outside; manipulatives and words shown; real-world objects)	<b>RIT 171-180:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<b>RIT 171-180:</b> <b>179</b> Composes and decomposes 2-D figures (manipulatives shown; 2 geometric shapes)
<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> <b>169</b> Understands location words (farthest to the left; manipulatives shown; geometric shapes) <b>162</b> Understands location words (above; manipulatives shown; real-world objects)	<b>RIT 161-170:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<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> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<b>RIT 151-160:</b> <b>157</b> Understands location words (to the left of; manipulatives shown; real-world objects)	<b>RIT 151-160:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>	<b>RIT 151-160:</b> <ul style="list-style-type: none"> <li>No Skills Listed</li> </ul>
<b>Students:</b> (RIT 141-150)	<b>RIT 141-150:</b> <b>146</b> Illustrates congruency (manipulatives shown; real-world objects)	<b>RIT 141-150:</b> <b>150</b> Understands location words (inside; manipulatives and words shown; real-world objects) <b>148</b> Understands location words (to the right of; manipulatives shown; real-world objects) <b>147</b> Understands location words (last; manipulatives shown; real-world objects) <b>147</b> Understands location words (under; manipulatives and words shown; real-world objects)	<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>

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## Skills: Spatial, Transformations, Symmetry, Congruence (1 of 2)

	Congruency, cont.	Locations, cont.	Similarity, cont.	Spatial Relationships, cont.
<b>Students:</b> (RIT 131-140)	<b>RIT 131-140:</b> 140 Illustrates congruency (manipulatives shown; geometric shapes)	<b>RIT 131-140:</b> 138 Understands location words (beside; manipulatives and words shown; real-world objects) 135 Understands location words (middle; manipulatives shown; real-world objects)	<b>RIT 131-140:</b> 136 Illustrates similarity (manipulatives shown; geometric shapes)	<b>RIT 131-140:</b> • <i>No Skills Listed</i>
<b>Students:</b> (RIT 121-130)	<b>RIT 121-130:</b> • <i>No Skills Listed</i>	<b>RIT 121-130:</b> 129 Understands location words (closest; manipulatives shown; real-world objects)	<b>RIT 121-130:</b> • <i>No Skills Listed</i>	<b>RIT 121-130:</b> • <i>No Skills Listed</i>
<b>Students:</b> (RIT 111-120)	<b>RIT 111-120:</b> • <i>No Skills Listed</i>	<b>RIT 111-120:</b> 118 Understands location words (under; using manipulatives; real-world objects) 117 Understands location words (between; using manipulatives; real-world objects)	<b>RIT 111-120:</b> • <i>No Skills Listed</i>	<b>RIT 111-120:</b> • <i>No Skills Listed</i>