

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

### Physical Science: Matter and Its Interactions

## Pure Substances, Mixtures, and Solutions

Students	Learning Continuum Statements:
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Students:	
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**RIT 171-180:**

- Describes what happens to particles when a substance dissolves, using models

Students:	
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**RIT 181-190:**

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Students:	
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**RIT 191-200:**

- Plans investigations about the rates at which substances dissolve
- Compares the mass of a mixture to the mass of its components

Students:	
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**RIT 201-210:**

- Uses models to represent relationships among compounds, molecules, and elements
- Compares the mass of a mixture to the mass of its components

Students:	
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**RIT 211-220:**

- Applies scientific ideas to explain the process of dissolution