

ACTION PLAN TIMELINE 2011-12 School Board Approved 10/19/11

**Name of School: Cambridge Elementary
 Supervisory Union: Lamoille North
 Grade Levels: Preschool - 6**

Reporting Cluster or Focus Area: Science			
Needs Identified by Assessment Data	Targets for Increased Student Performance	Action Steps	Completion Date
<p>Based on the analysis of our assessment data and science curriculum, we need to provide:</p> <p><u>NECAP Science 2011 (Grade 4):</u> Results expected mid-September 2011</p> <p>Proficient with Distinction Proficient Partially Proficient Substantially Below Proficient</p> <p>Physical Science Earth Space Science Life Science Inquiry</p> <p><u>NECAP Science 2010 (Grade 4)</u></p> <p>Proficient with Distinction – 0% Proficient – 48% Partially Proficient – 43% Substantially Below Proficient – 10%</p> <p>Physical Science – 10.1 out of 15 points Earth Space Science – 8.8 out of 15 points Life Science – 10.0 out of 15 points Inquiry – 5.8 out of 18 points</p>	<p><u>NECAP Science 2012 (Grade 4)</u></p> <p>Proficient and above 80% Partially Proficient 20% Substantially Below Proficient 0%</p> <p>Physical Science Earth Space Science Life Science Inquiry</p>	<p>1. Teachers will participate in professional development to become familiar with the new LNSU Science Curriculum.</p> <p>2. Teachers will continue to develop and implement a UbD unit and or inquiry task in science with Renee Affolter’s assistance. Principal will observe an inquiry lesson in each classroom.</p>	<p>1. August 2011</p> <p>2. August 2011</p>

<p><u>NECAP Science 2009 (Grade 4)</u></p> <p>Proficient with Distinction - 0 % Proficient – 42 % Partially Proficient – 39 % Substantially Below Proficient – 19 %</p> <p>Physical Science – 8.4 out of 15 points Earth Space Science – 10.3 out of 15 points Life Science - 9.1 out of 15 points Inquiry – 7.1 out of 18 points</p> <p><u>NECAP Science 2008 (Grade 4)</u></p> <p>Proficient with Distinction: 3 % Proficient: 26 % Partially Proficient: 59 % Substantially Below Proficient: 13 %</p> <p>Physical Science - 8.1 out of 15 points Earth Space Science - 8.8 out of 15 points Life Science - 9.8 out of 15 points Inquiry - 8 out of 18 points</p>		<p>3. Organize and manage science storage closet on the 3rd floor wing.</p> <p>4. Science funds will be allotted per teacher (\$100.00-professional resources) and \$500.00 per grade for supplies.</p> <p>5. Renee Affolter will continue to model, observe and consult with teachers for a total of six times throughout the year.</p> <p>6. TERC project will continue for the 3rd year. Fifth grade and sixth grade teachers will be trained and teach a unit called, 'Water</p>	<p>3. June 2012</p> <p>4. June 2011</p> <p>5. June 2012</p> <p>6. June 2012</p>
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