

Charlotte Central School Science Action Plan for 2007-08

Area: Science

Needs Assessment:

Goal 1: To provide learning experiences that will enable each CCS student to meet the Vermont Science Grade Expectations and to instill in each student an excitement about scientific inquiry

Measurable Objectives:

- To have developmentally appropriate grade level science notebooks
-

| Strategy / Action Steps | Person Responsible | Measurement | Resources | Due Date | Timeline | | | | | | | | | | | |
|---|---|--|--|--------------|----------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul |
| Participate in the process of developing K-12 Power Standards | Director of Curriculum and K-12 Committee | Set of Science Power Standards | Time, Budget | Spring, 2008 | | | | | | | | | | | | |
| Meet regularly as a K-8 Science Task Force meetings | Principal | Schedule of meetings | Time Personnel | | X | X | X | | | X | | X | | | | |
| Catalog all the equipment and materials in the science lab for easy check out and inventory control | Librarian with support of parent volunteers | System all set to go! | Time, Expertise, Volunteers | Spring, 2008 | | | | | | | | | | | | |
| Implement the use of Science Notebooks K-8 | Teachers | Samples | Materials, Prof. Devel. Time | June, 2008 | | | | | | | | | | | | |
| Use developmentally appropriate standardized language of inquiry | Teachers Admin. | Oral and written language demonstrated in classrooms | Materials, budget | Ongoing | | | | | | | | | | | | |

| Strategy / Action Steps | Person Responsible | Measurement | Resources | Due Date | Timeline | | | | | | | | | | | |
|---|--|--------------------------------------|-----------------------------------|-------------|----------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul |
| Collect assessments by grade level and discuss appropriateness as benchmark assessment for that grade level | Science Task Force | Samples | Time Professional Development | June, 2008 | | | | | | | | | X | | | |
| Administer the NECAP Science Assessment in grades 4 and 8 | Teachers | | Time | May, 2008 | | | | | | | | | | | | |
| Analyze the results of the NECAP Science Assessment | Teachers Admins. | Reports | Time Prof. Dev. | Fall, 2008 | | | | | | | | | | | | |
| Set performance targets for students based on the NECAP results and other assessment data | Teachers Admin. Community | Local, SU and/or State Assess. | Time | Fall, 2008 | | | | | | | | | | | | |
| Continue the tradition of having the Science Expo be a culminating, integrated scientific research project for 8 th grade students | 8 th grade science teachers in conjunction with other team teachers | Quality of the projects | Time, Space, Materials Mentors | June, 2008 | | | | | | | | | | | | |
| Provide quality professional development for teachers and staff including, but not limited to attendance at DOE Science Network meetings | Admin. In collaboration with teachers | Quality of the prof. dev. activity | Time, Budget, Facilitators | Year - long | | | | | | | | | | | | |

