

CCS Environmental Education Board update

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The background of the slide features a close-up, slightly blurred photograph of vibrant green leaves and thin branches, likely from a tree or shrub, set against a bright, overcast sky. The leaves are in various stages of focus, with some in the foreground being sharp and others in the background being soft and out of focus.

Environmental Literacy Plan

During the last few weeks of school we have been collecting the data from our ELP strategies and outcomes. We have made this information available to our authorizers at Osprey Wilds. We are also assessing the outcomes and evaluating any changes or adjustments that will need to be made for the coming school year.

Indicator 1: Awareness - Seat Based Outcomes

Strategy 1 - Students in grades 5-8 will learn that different instruments come from different materials from the environment. (This is done in music class.)

Strategy 2 - Pre-K and K students will learn what monarchs need to survive by raising and observing butterflies from egg to adult.

Outcome - All strategies were successful and the indicated goals have been met.

Indicator 1: Awareness - Online Outcomes

Strategy 1 - Students in online 10th grade Biology B will take a pretest (considered an assignment not to be exempted) composed of 20 questions and the results will be documented. Upon completion of the unit, the student, if he/she has fulfilled the attendance and time requirement, will increase their initial score by at least 10% on the posttest/assignment.

Outcome - This strategy was not successful and the goal was not met. We are working over the summer to create 2 new strategies for this indicator that we believe will be more effective and clear.

Indicator 2 - Knowledge - Seat Based Outcomes

Strategy 1 - 5th grade students will be able to describe, compare and contrast how soil is made in nature (such as in forests) and how soil is made through composting

Strategy 2 - Students in grades 5-6 will learn that trees come in many shapes and sizes. Students will become familiar with tree structure and scale by using different methods to measure them and by making comparisons. They learn the importance of standardized measurements and proper measuring techniques. (This is done in math class.)

Strategy 3 - Students in grades 3-4 will be introduced to the five types of renewable energy resources by engaging in various activities to help them understand the transformation of energy (solar, water and wind) into electricity. (This is done in STEM)

Outcome - All strategies were successful and the indicated goals have been met.

Indicator 2 - Knowledge - Online Outcomes

Strategy 1 - Through interaction within a module in online 9th grade Physical Science B, students will increase their knowledge on biodiversity and to raise awareness for its conservation. Students will participate in a learning module on biodiversity

Strategy 2 - Students will be able to list and describe some of the different barriers to stopping water pollution.

Outcome - All strategies were successful and the indicated goals have been met.

Indicator 3 - Attitudes - Seat Based Outcomes

Strategy 1 -5th and 6th grade students will read an environmental debate informational text in the January 2022 issue of Scholastic SCOPE Magazine. Students will form an opinion, write an argument essay, and create media to inform members of their school community. Students will also complete a pre and post survey to explore their attitudes related to the topic and their learning. (This is done in English Language Arts.)

Strategy 2 - Students in K-1 will learn about the importance of bees to an ecosystem. Through their studies, K-1 students will be able to appreciate and understand the importance of bees. Students will change their attitudes towards bees after completing their unit on bees.

Strategy 3 - Students in 5-6th grade with a 90% attendance within the October 2023 snapshot will closely observe the intricate details of design of an individual leaf. Students will gain an appreciation of the beauty of a leaf and as an object of art. (This is done in art class.)

Outcome - All strategies were successful and the indicated goals have been met.

Indicator 3 - Attitudes - Online Outcomes

Strategy 1 -K-5 online students at CCS will show their attitudes about interacting with the environment through an end-of-year environmental stewardship attitudes survey. Throughout the school year, they will participate in a variety of environmental activities including virtual experiments, field trips, and activities designed to increase awareness of the human effect on nature. We will also focus on ways in which we can minimize our negative impact on nature through everyday choices.

Strategy 2 - Third-grade online students at CCS will show an increasing awareness of the impact they have on the environment around them through lessons and activities in Science. Third-grade students enrolled in 3B science will complete module 2 lesson 23.1 Interdependence of Man lesson and assignment. Students will track the trash they throw away for one week and make observations about their trash use.

Outcome - All strategies were successful and the indicated goals have been met.

Indicator 4 - Skills - Seat Based Outcomes

Strategy 1 -Students in 1-2 and 2-3 will be able to sort between recyclable and reusable materials

Outcome - All strategies were successful and the indicated goals have been met.

Indicator 4 - Skills - Online Outcome

Strategy 1 -Students in the online middle level (6th, 7th, and 8th grades) environmental education will study an environmental issue that impacts society. They will analyze the various points of view on the issue and how it impacts citizens, and then participate in a synchronous debate on the issue. Students who do not participate in the debate will articulate the issue and the various points of view in writing or orally with the teacher.

Strategy 2 - Students will be able to discuss the difficulties of solving water pollution problems.

Outcome - All strategies were successful and the indicated goals have been met.

Indicator 5 - Action - Seat Based Outcomes

Strategy 1 -Students in 7th grade with regular attendance October 2023 snapshot will evaluate our school's lunchroom food waste and help reduce it by 10% by the end of the year. Students will weigh lunch waste one day per week and track progress and educate others on the importance of not wasting food.

Strategy 2 - Students in grades 5-8 will learn about the environmental benefits of using non lead based fishing tackle. Students will have the opportunity to go fishing on a local lake and test the fishing tackle. They will also do a community get the lead out collection campaign. (This is doen in PE)

Strategy 3 - Students in grades 3 and 4 will learn about Common Loons and how humans impact their population. Through their studies of The Common Loon and their nesting habitats, students will come up with an action plan that will help The Common Loons in the Crosslake area.

Strategy 4 - Students in 8th grade participate in a debate surrounding an environmental issue. (This is done in Social Studies.)

Outcome - All strategies were successful and the indicated goals have been met.

Indicator 5 - Action - Online Outcomes

Strategy 1 -The online 9th-12th grade high school students will learn about the dangers of chloride in our waters and participate in the Izaak Walton League Salt Watch.

Strategy 2 - Middle level students will complete a civic action project (from a list of choices throughout the year).

Outcome - All strategies were successful and the indicated goals have been met.

Wrap up and moving forward

While most of our strategies were engaging and successful there is room for improvement. We will continue to work together in finding and implementing engaging ways to move students towards environmental literacy. We want our students and families to be a part of the environment around them.

As we move into the next school year we will make any necessary adjustments and changes to the ELP and curriculum in order to successfully meet our goals.

These goals are a snapshot of a few of the amazing things we are doing in our program each day to open up they eyes of our students and families to the beauty and wonder of the natural world around us.



Thank you so much for your time!