

Science Toolkit: Grade 5 Objective 1.C.1.e

Standard 1.0 Skills and Processes

Topic C. Communicating Scientific Information

Indicator 1. Recognize that clear communication is an essential part of doing science because it enables scientists to inform others about their work, expose their ideas to criticism by other scientists, and stay informed about scientific discoveries around the world.

Objective e. Recognize that doing science involves many different kinds of work and engages men and women of all ages and backgrounds.

Table of Contents

Standard 1 Tools

- Introduction

Introduction

Science Grade 5 Standard 1

Children's strategies for finding out more and more about their surroundings improve as they gain experience in conducting simple investigations of their own and working in small groups. They should be encouraged to observe more and more carefully, measure things with increasing accuracy, record data clearly in logs and journals, and communicate their results in charts and simple graphs as well as in prose. Class discussions of the procedures and findings can provide the beginnings of scientific argument and debate. By the end of Grade 5, children will have had multiple experiences applying and practicing all of the listed science skills and processes across the concept areas.