

Step One: Overall Expectation Brainstorming

OVERALL EXPECTATIONS

By the end of this course, students will:

- E1.** evaluate the effectiveness of technological devices and procedures designed to make use of light, and assess their social benefits;
- E2.** investigate, through inquiry, the properties of light, and predict its behaviour, particularly with respect to reflection in plane and curved mirrors and refraction in converging lenses;
- E3.** demonstrate an understanding of various characteristics and properties of light, particularly with respect to reflection in mirrors and reflection and refraction in lenses.

Part A: Self Exploration

Please consider the following Overall Expectations from the SNC2D Light and Geometric Optics unit. Please answer for yourself the following questions. Push yourself—try to expand on what you know about Optics already from your life experiences, think of things you would like to learn about by the end of the semester.



- ◆ What do I know about Light and Optics already?
- ◆ What do I think I know?
- ◆ How do I know this?
- ◆ What questions do I have about these ideas and this unit?
- ◆ How could I learn about these things?



Part B: Tag Team Effort

Compare your brainstorming to that of your partner. Are there similarities between the two of you? Can you answer some of their questions?

Together please reconsider the following....

- ◆ What are the main ideas of overall expectations?
- ◆ What are the points of interest that they bring to mind?
- ◆ What questions do I have about these ideas and this unit?
- ◆ How could I learn about these things?