Learning Management Unit
Intellectual and Emotional Development Sub-Unit
STCH 410

Big Idea for Unit
Students in a productive learning environment are less likely to pose behavior problems because they are engaged in meaningful activities. Thus, a second significant component of establishing and maintaining a productive learning environment is the careful planning of management strategies that allow meaningful learning opportunities to proceed smoothly. This is planning that is directly linked to your goals for science learning and results from a focus on student understanding rather than control of student behavior.

Learning Objective for Sub-Unit
As a result of the activities in this sub-unit, you will learn how to:
• incorporate what you know about students’ developmental levels (intellectual, emotional, and social) into your management planning.

Activities for Sub-Unit
Readings:
  Adolescent Development (portion of Chapter 3 of *Science Instruction in the Middle and Secondary Schools*)
  Stages in the Development of Procedural Knowledge (Chapter 4 of *Science Teaching and the Development of Thinking*)

Class activity, based on the reading, Adolescent Development
Analysis of student work to identify cognitive stages, based on the reading, Stages in the Development of Procedural Knowledge

![Cartoon Image](image)