

Teaching and Learning Supports

High School



Social Emotional Learning Supporting Science

A common learning strategy that supports most of the Illinois Learning Standards is facilitation of student discussions. Two specific social emotional learning goals and related standards require specific student skills to support these student learning conversations.

SEL Goal 2: Use social-awareness and interpersonal skills to establish and maintain positive relationships.

2A- Recognize the feelings and perspectives of others.

2C - Use communication and social skills to interact effectively with others.

SEL Goal 3: Demonstrate decision making skills and responsible behaviors in personal, school, and community contexts

3B - Apply decision-making skills to deal responsibly with daily academic and social situations.

An increase in student science performance will include not just understanding of content, but also the ability to communicate about their science reasoning. 9th - 10th grade SEL benchmark language (developmentally specific for the goals/standards above) help identify student Social Emotional Learning competencies that support science classroom strategies such as ambitious science teaching and talk moves (highlighted by the inquiry project).

9th - 10th Grade SEL Student Benchmarks

2A	Analyze similarities and differences between one's own and others' perspectives.
	Use conversation skills to understand others' feelings and perspectives.
2C	Evaluate the effects of requesting support from and providing support to others.
	Evaluate one's contribution in groups as a member and leader.
3B	Evaluate personal abilities to gather information, generate alternatives, and anticipate the consequences of decisions.
	Apply decision-making skills to establish responsible social and work relationships.

Full High School standards/benchmarks available at <http://bit.ly/ILSELFULL>

Watch for these benchmarks in the following videos of science instruction strategies...

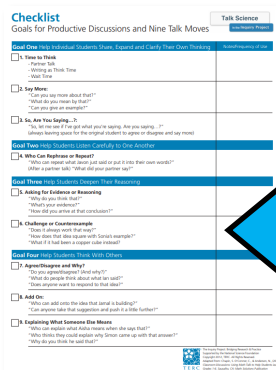


<https://vimeo.com/106398654>

HOW LEARNING HAPPENS
Encouraging Academic Conversations With Talk Moves

<https://youtu.be/8jMjTm2d-s>

Check us out on the web under Climate and Culture: [Illinois Classrooms in Action](#)



Science Talk Moves .pdf download
https://inquiryproject.terc.edu/shared/pd/Goals_and_Moves.pdf