

# Social Emotional Learning Supporting Science

## Teaching and Learning Supports

## Third through Fifth Grade



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. 4<sup>th</sup> - 5<sup>th</sup> 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).

### 4-5 SEL Student Benchmarks

2A	Identify verbal, physical, and situational cues that indicate how others may feel.
	Describe the expressed feelings and perspectives of others.
2C	Describe approaches for making and keeping friends.
	Analyze ways to work effectively in groups.
3B	Identify and apply the steps of systemic decision making.
	Generate alternative solutions and evaluate their consequences for a range of academic and social situations.

Full 4-5 SEL standards/benchmarks available at [http://bit.ly/ILSEL4\\_5](http://bit.ly/ILSEL4_5)

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

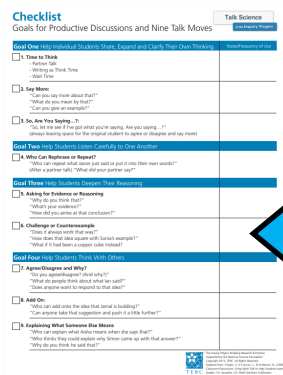


**HOW LEARNING HAPPENS**  
Encouraging Academic Conversations With Talk Moves

<https://vimeo.com/106398654>

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Check us out on the web under Climate and Culture: Illinois Classrooms in Action



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