

Today's students must be prepared to thrive in a constantly evolving technological landscape. The ISTE Standards for Students are designed to empower student voice and ensure that learning is a student-driven process.

The table below highlights how Kid Spark curriculum aligns to ISTE Standards.

Grade Level	Unit of Instruction	ISTE Standard
2 - 5	Kid Spark Basics	Innovative Designer, Creative Communicator
2 - 5	Mechanisms & Movement	Innovative Designer, Creative Communicator
2 - 5	Applied Mathematics	Innovative Designer, Creative Communicator
2 - 5	Robotics & Coding 101	Innovative Designer, Creative Communicator, Computational Thinker
2 - 5	Exploring Sensors	Innovative Designer, Creative Communicator, Computational Thinker
6 - 8	Simple Machines	Innovative Designer, Creative Communicator
6 - 8	Compound Machines	Innovative Designer, Creative Communicator
6 - 8	Rapid Prototyping & 3D Printing	Innovative Designer
6 - 8	Loops & Variables	Innovative Designer, Creative Communicator, Computational Thinker
6 - 8	Integrated Engineering Challenges	Innovative Designer, Creative Communicator, Computational Thinker

Innovative Designer - Students use a variety of technologies within a design process to identify and solve problems by creating new, useful, or imaginative solutions.

Creative Communicator - Students communicate clearly and express themselves creatively for a variety of purposes using the platforms, tools, styles, formats, and digital media appropriate to their goals.

Computational Thinker - Students develop and employ strategies for understanding and solving problems in ways that leverage the power of technological methods to develop and test solutions.

[Click here](#) to view ISTE Standards.