

## Standards

[Utah 6-8 Core SEEd Standards](#) or [tinyurl.com/ut68seed](http://tinyurl.com/ut68seed)

[6-8 Extended Core SEEd Standards](#) or [tinyurl.com/ut68extendseed](http://tinyurl.com/ut68extendseed)

## UEN Online Science Canvas Instructional PD Courses

[UEN canvas science courses link](#) or [www.uen.org/development/usbe/science/](http://www.uen.org/development/usbe/science/)

The SEEd content courses are designed to build and **support teacher science content knowledge** for each grade, strand, and standard of the Utah Science with Engineering Education (SEEd) Standards. The canvas-based courses are self-paced and focus on science core ideas, crosscutting concepts, and natural phenomena that can be used in the classroom to support teaching the SEEd Standards. Each course is designed to focus on all the standards in one strand of the SEEd standards. Each course will start with an introduction to the 3 dimensions of science and then have one module for each standard found in the strand. Based on the size of the strand, each course is worth either 0.5 or 1.0 USBE Credit upon successful completion (each course link shows how many USBE credits it is worth). These courses will go deeper than what is expected in the Extended Core SEEd standards, they are intended to help gain a better understanding of the content.

 <b>6th Grade</b> <ul style="list-style-type: none"><li>6th Grade Strand 1 - Structure and Motion within the Solar System (0.5 USBE Credit)</li><li>6th Grade Strand 2 - Energy Affects Matter (0.5 USBE Credit)</li></ul>	 <b>7th Grade</b> <ul style="list-style-type: none"><li>7th Grade Strand 1 - Forces are Interactions Between Matter (0.5 USBE Credit)</li><li>7th Grade Strand 2 - Changes to Earth</li></ul>	 <b>8th Grade</b> <ul style="list-style-type: none"><li>8th Grade Strand 1 - Matter and Energy Interact in the Physical World (1.0 USBE Credit)</li><li>8th Grade Strand 2 - Energy is Stored and</li></ul>
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## SEEd Storylines

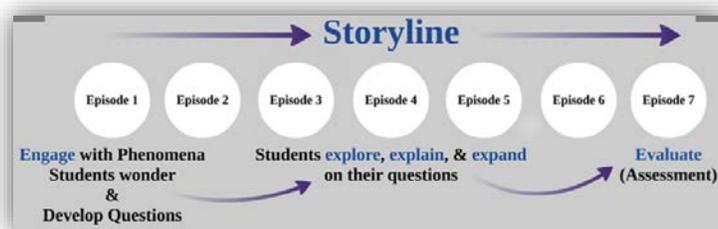
[SEEd Story Lines link](#) or <https://www.seedstorylines.org/>

Storylines give relevance to each activity by setting it in a narrative that drives the understanding of a big idea. It moves lessons away from the traditional teaching method of moving from topic to topic, like a textbook does, instead moving the student through an inquiry-based narrative with a set outcome. Rather than just doing something that pertains to the topic, students are driven by answering questions and engaging with phenomena. Each episode adds to the student's progress of deeper understanding. Coherency comes from the perspective of an inquiring student, engaged in a relevant learning experience.

**Standard 6.1**

Standard 6.1.1 Unpacked

Develop and use a model of the Sun-Earth-Moon system.



**Storyline Narrative 6.1.1**

Episode 1   Episode 2   Episode 3   Episode 4   Episode 5   Episode 6   Episode 7   Episode 8   Episode 9   Episode 10   Assessment