

6th Grade

Start the year with a simple Physical & Chemical Properties Lab.

Inq-ITS Virtual Lab	NGSS	NGSS	NGSS	Common Core ELA	Common Core Math
	Disciplinary Core Ideas	Science & Engineering Practices	Crosscutting Concepts		
Flower in Water		1-8	1,2	<p>Please note that the following ELA standards apply to all of the activities and are listed here for simplicity's sake.</p> <p><u>LITERACY.RST.6-8.3</u> <u>LITERACY.RST.6-8.4</u> 6-8.WHST.1 6-8.WHST.2 6-8.WHST.4 6-8.WHST.7 6-8.WHST.10</p>	<p>Please note that the following Math standards apply to all of the activities and are listed here for simplicity's sake.</p> <p>6-8.MP.1 6-8.MP.2 6-8.MP.4 6-8.MP.5 6-8.MP.8</p>
Introduction to Seasons	ESS1-1	1-8	1,2,3,4		
Seasons – Earth has No Tilt!	ESS1-1	1-8	1,2,3,4		
Lunar Phases	ESS1-1	1-8	1,2,3,4		
Eclipses	ESS1-1	1-8	1,2,3,4		
Plate Tectonics: Convergent Plates	ESS2-2 , ESS2-3	1-8	1,2,4,7		
Plate Tectonics: Divergent Plates	ESS2-2 , ESS2-3	1-8	1,2,4,7		
Human Activity	ESS3-4&5	1-8	1,2,4,7		

7th Grade

Start the year with a simple Plant Energy Lab.

Inq-ITS Virtual Lab	NGSS	NGSS	NGSS	Common Core ELA	Common Core Math
	Disciplinary Core Ideas	Science & Engineering Practices	Crosscutting Concepts		
Flower in Water		1-8	1,2	<p>Please note that the following ELA standards apply to all of the activities and are listed here for simplicity's sake.</p>	<p>Please note that the following Math standards apply to all of the activities and are listed here for simplicity's sake.</p>
Animal Cell Energy & Storage	LS 1-2	1-2,4,6-8	1,2,3,4,6,7		
Animal Cell Function	LS 1-2	1-2,4,6-8	1,2,3,4,6,7		




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Plant Cell Energy & Storage	LS 1-2	1-2,4,6-8	1,2,3,4,6,7	<u>LITERACY.RST.6-8.3</u> <u>LITERACY.RST.6-8.4</u> 6-8.WHST.1 6-8.WHST.2 6-8.WHST.4 6-8.WHST.7 6-8.WHST.10	<i>6-8.MP.1</i> <i>6-8.MP.2</i> <i>6-8.MP.4</i> <i>6-8.MP.5</i> <i>6-8.MP.8</i>
Plant Cell Function	LS 1-2	1-2,4,6-8	1,2,3,4,6,7		
Diversity of Traits	LS4-4	1-8	1,2,4,6,7		
Genetics	LS3-2	1-2,4,6-8	1,2,3,4,5,6,7		
Natural Selection	LS4-6	1-8	1,2,4,6,7		
Predation	LS2-2	1-2,4,6-8	1,2,3,4,5,6,7		

8th Grade

Start the year with a simple Airplane Energy Lab.

Inq-ITS Virtual Lab	NGSS	NGSS	NGSS	Common Core ELA	Common Core Math
					
Flower in Water OR Ramp		1-8	1,2	<i>Please note that the following ELA standards apply to all of the activities and are listed here for simplicity's sake.</i> <u>LITERACY.RST.6-8.3</u> <u>LITERACY.RST.6-8.4</u> 6-8.WHST.1 6-8.WHST.2 6-8.WHST.4 6-8.WHST.7 6-8.WHST.10	<i>Please note that the following Math standards apply to all of the activities and are listed here for simplicity's sake.</i> <i>6-8.MP.1</i> <i>6-8.MP.2</i> <i>6-8.MP.4</i> <i>6-8.MP.5</i> <i>6-8.MP.8</i>
Density	PS1-2	1-8	1,2		
Phase Change	PS1-4	1-8	1,2,5,7		
Introduction to Collisions	PS2-1	1-8	1,2,3,4,5		
Advanced Collisions	PS2-1	1-8	1,2,3,4,5		
Inelastic Collisions - Trains	PS2-1	1-8	1,2,3,4,5		
Introduction to Forces & Motion	PS2-2	1-8	1,2,3,4,5		
Forces & Motion on Different Planetary Bodies	PS2-4	1-8	1,2,3,4,5		
Free Fall- Energy	PS3-5	1-8	1,2,5		
Free Fall- Speed	PS2-2	1-8	1,2,5		
Introduction to Gravity & Mass	PS2-4	1-8	1,2,3		
Orbit Distance & Gravity	PS2-4	1-8	1,2,3		

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