

# STEMscopes Summer Experience Camp Schedule

## Summer Experience Engineering, PBL, and Coding

		Monday	Tuesday	Wednesday	Thursday	Friday		
WEEK ONE	1st Hour	<b>DIVE-In Prototype 1</b>	Vary	Explore	Coding Course 1, Lesson 1	Coding Course 1, Lesson 2	<b>Engineering / Coding Camp</b>	
	2nd Hour	Deconstruct	Vary (2nd)	Share				
	3rd Hour	Imitate/Present	Present	Closing Prototype 1				
	Lunch Break							
	4th Hour	<b>Do You Have the Potential? PBL (Potential and Kinetic Energy)</b>					<b>Project Based Learning Camp</b>	
	5th Hour	Reading & Roles	Sketch, Prototype Design & Vary	Modify Design & Vary	Modify Design & Vary	Finalize & Present		
6th Hour	Materials & Budget							
WEEK TWO	1st Hour	<b>DIVE-In Prototype 2</b>	Vary	Explore	Coding Course 1, Lesson 3	Coding Course 1 Challenge	<b>Engineering / Coding Camp</b>	
	2nd Hour	Deconstruct	Vary (2nd)	Share				
	3rd Hour	Imitate/Present	Present	Closing Prototype 2		Presentation		
	Lunch Break							
	4th Hour	<b>Change Your Position [Roller Coaster] PBL (Describing Speed and Motion)</b>					<b>Project Based Learning Camp</b>	
	5th Hour	Reading & Roles	Sketch, Prototype Design & Vary	Modify Design & Vary	Modify Design & Vary	Finalize & Present		
6th Hour	Materials & Budget							
WEEK THREE	1st Hour	<b>DIVE-In Prototype 3</b>	Vary	Explore	Coding Course 2, Lesson 1	Coding Course 2, Lesson 2	<b>Engineering / Coding Camp</b>	
	2nd Hour	Deconstruct	Vary (2nd)	Share				
	3rd Hour	Imitate/Present	Present	Closing Prototype 3				
	Lunch Break							
	4th Hour	<b>Parachute Drop PBL (Gravitational Force)</b>					<b>Project Based Learning Camp</b>	
	5th Hour	Reading & Roles	Sketch, Prototype Design & Vary	Modify Design & Vary	Modify Design & Vary	Finalize & Present		
6th Hour	Materials							
WEEK FOUR	1st Hour	<b>DIVE-In Prototype 4</b>	Vary	Explore	Coding Course 2, Lesson 3	Coding Course 2 Challenge	<b>Engineering / Coding Camp</b>	
	2nd Hour	Deconstruct	Vary (2nd)	Share				
	3rd Hour	Imitate/Present	Present	Closing Prototype 4		Presentation		
	Lunch Break							
	4th Hour	<b>Pop Fly PBL (Potential Energy - Gravitational &amp; Elastic)</b>					<b>Project Based Learning Camp</b>	
	5th Hour	Reading & Roles	Sketch, Prototype Design & Vary	Modify Design & Vary	Modify Design & Vary	Finalize & Present		
6th Hour	Materials & Budget							