

Camera			
	Week	Syllabus Content	Page
Introduce	1-2	Reminders: Rules and Safety Primer: Camera Obscura Vocabulary	2-3
	3	Math: Estimations Investigation: Interactions with Light Vocabulary Test Ask & Imagine: Researching the parts of a camera	4-6
	4	Plan: Designing the parts (aperture, shutter, body) Plan: Drawing a detailed plan Create: Starting the build	7-9
Teach	5	Create: Building the camera	8-9
	6	Create: Building the camera Test & Evaluate: First Tests and Troubleshooting	9
	7	Test & Evaluate: Troubleshooting & Taking Photos	9
	8	Test & Evaluate: Taking & Developing Photos	9
Evaluate	9-10	KCFS Science Reports KCFS Sharing & Presentations	
Heart Health			
Introduce	11	Introduction: The circulatory system Primer: - How hard does a heart work?	2
	12	Vocabulary Mathematics: Volume	3-4
Teach	13	Investigation: What about our Lungs? Vocabulary Test Ask & Imagine: What is a Spirometer?	5-6
	14	Ask & Imagine: Who might use a Spirometer? Plan: Designing a Spirometer	6-8
	15	Create: Making the Spirometer Test: Using the Spirometer	9-10
Evaluate	16-17	Test: Lung Capacity in Different Scenarios Analyze Results: What did we learn about our body? Improve: How will we look after our heart and lungs?	10-11
	18-19	KCFS Science Report	
	20-21	KCFS Sharing and Presentation	