

Discover Georgia STEM Camp: Week Three
Suggested Materials List

<p>Day One: The STEM Behind Hollywood</p> <ul style="list-style-type: none"> • Computer with internet connection <ul style="list-style-type: none"> ○ Note: Students must use a laptop or desktop computer only with headphones. iPads and tablets will not work. Chromebooks may not work as well. • Headphones • Soundation Software <ul style="list-style-type: none"> ○ Link: https://soundation.com/ • Tape • Scissors • 10 Straws • Ruler 	<p>Day Two: Build and Use Your Own Microscope</p> <ul style="list-style-type: none"> • Assorted plant and animal life to view. • Pond water (The more algae growing on top of the water the more microscopic life you will find in the water) • Onion (to view onion skin cells) • Q-tip (to gather human cheek cells) <p>To Build the Microscope:</p> <ul style="list-style-type: none"> • Smartphone w/ camera • Inexpensive laser - (It is highly recommended you disassemble the laser, and remove the lens PRIOR to the live session.) • Play dough or Hair pin (regular pin) • Tape <p>To Prepare Slides & Build Microscope Stand:</p> <ul style="list-style-type: none"> • Flashlight • Clear plastic packaging of any type • Blue or red food coloring • Medicine dropper • White paper • Assorted sized books to stack the phone & flashlight on.
<p>Day Three: Aerodynamics of Various Paper Airplane Designs</p> <ul style="list-style-type: none"> • Several sheets of copy paper • Straight edge/ruler • Crayons/Markers • Scissors 	<p>Day Four: Discover Providence Canyon</p> <ul style="list-style-type: none"> • Plate • Cup of Water • 1-2 types of candy with hard coating <ul style="list-style-type: none"> • Ex: (M&M's, Skittles, Gumballs, etc.)