





A-STEM OF MIND SUMMER CAMP SCHEDULE

Physics of Music: Agenda and Daily Lesson Plan

July 8-12, 2013



	Monday	Tuesday	Wednesday	Thursday	Friday
Location: (See details on page 2)	 Before Camp Drop off and Social Time				
Camp Location	WVU-CCA	PopShop	Woodshop	PopShop	WVU-CCA
8:30	Open Discussion / Talk about Day Events				
9:00	Welcome/ Introductions Assessments	Industry Career Awareness Day (The PopShop)	Group Activity Deconstruct Instruments (Art/Math)	Industry Career Awareness Day (Art Studio- The Radicle Root)	Group Activity Build Instruments (Engineering)
9:45					
10:00	Overview What is Music? (Nature of Sound, waves)	Music Demonstration Beats/Frequency of Music (drums, guitar)	How does it work? (Strings, reeds, & brass)	Art (STEM Lesson) Listen to Music/Create Paintings	Music Demonstration (How does it sound?)
10:45					
11:00	Lesson Plan: Music, Mind & Learning	Lesson Plan: Playing instruments to Making Music (Mannette Instruments)	Lesson Plan: Design of Instruments (Flutes and Guitars)	Lesson Plan: Music as Art (Make your own Music in Nature)	Group Activity Test each Instrument
12:00	Lunch Break 				
1:00	Art (STEM Lesson) Steps in Music using Intervals and Cents	Industry Career Awareness (Mannette Instruments)	Group Activity Build Instruments (Engineering)	Return to PopShop Art (Listen to sounds, identify instruments)	Evaluation Forms (Post Assessments) ----- Groups Demo
1:45					
2:00	Group Activity Art of Music (Physics)	Music Lesson (How Steel Drums are Made-Apply Intervals/Cents)	Group Activity Design Instruments (Art/Math)	Music Lesson: (From Note to Chord)	Instruments to Visitors (Presentations on what they learned)
2:30					
3:45	Wrap-Up (End of the Day Discussions)	Wrap-Up (End of the Day Discussions)	Wrap-Up (End of the Day Discussions)	Wrap-Up (End of the Day Discussions)	Wrap-Up (End of the Day Discussions)
4:00	After Camp (Play games, reading, unwind and social time)				
4:30	Pick-up				

Supported by College of Creative Arts, The PopShop, Mannette Instruments, and The Radicle Root Art Studio



Summer Camp Time/Locations: Drop-off between 8:30-9:00 am—Pick-up by 4:30 pm. Program begins at 9:00 am and ends at 4:00 pm. Students may be dismissed early on Friday after demonstrations.

- **Mon, Fri:** Campers meet at WVU College of Creative Arts, Room 224A
- **Tue, Thur:** Campers meet at the PopShop at 450 Scotts Run Rd. Osage, WV 26543 (Other tours during these days will include Mannette Instruments and Sandy Cress's Art Studio in Osage).
- **Wed:** Campers meet at Chris Haddox's Woodshop at 739 Monongalia Avenue, Morgantown, WV 26505
- **Fri:** Camp concludes with a presentation to parents and visitors on Friday at 1:00 pm at WVU CCA, Room 224A.

Remember to pack your own lunch for each day. Snacks and drinks will be provided throughout the day.