



University of Nevada, Reno

KIDS University

Exploring Robotics and Music (4th and 5th grade)

Instructor: Paul Fleming

Week of June 30

	Monday	Tuesday	Wednesday	Thursday	Friday
8:45	Walk to Class	Walk to Class	Walk to Class	Walk to class	No class July 4
9:00	Introductions Math Mindsets: Notebooks, good group work, dot card and number talks, area design	Welcome and notebooks 9:15 – Math Mindsets: growth mindsets, pennies and paperclips, checkerboard, fewest squares	Welcome and notebooks 9:15 – Math Mindsets: exploring halves	Welcome and notebooks 9:15 – Math Mindsets: one cut geometry	
10:00	Music warm-up: solfege with body, rhythms 10:15 – Music: creative movement “Yes Game” and “shapes and pathways”	Music warm-up: solfege with body, rhythms 10:15 – Music: call-and-response and improvisation with xylos “Who Sells Seashells” and “Cat Came Back”	Music warm-up: solfege with body, rhythms 10:15 – Music: Layering pentatonic patterns in groups on a theme	Music warm-up: solfege with body, rhythms 10:15 – Music: teamwork and listening skills by singing rounds “1 1 11 2 2 2 2 3 3 3 3 4 4 4 4” “Chairs to Mend” and “Alfred the Alligator”	
11:00	Code a sandwich 11:25 – Lego free build in small teams	Build Spike Prime vehicles, code a perfect right angle	Code Spike vehicles to go in a line, a square, a circle, a maze.	Code Spike vehicles to deliver a package	
11:45	Walk to Lunch Room	Walk to Lunch Room	Walk to Lunch Room	Walk to Lunch Room	
Noon	Lunch	Lunch	Lunch	Lunch	
12:50	Walk to Class	Walk to Class	Walk to Class	Walk to Class	
1:00	STEAM career talk and “If I were” journals: Audio engineer 1:30 – Lego STEAM creations + brainstorming	STEAM career talk and “If I were” journals: Architect 1:30 – Lego STEAM creations	STEAM career talk and “If I were” journals: Game Designer 1:30 – Lego STEAM creations + coded solution	STEAM career talk and “If I were” journals: Fashion Designer 1:30 – Lego STEAM creations + coded solution	
2:00	Lego STEAM (continued) 2:45 – Melodicas	Lego STEAM (continued) 2:45 – Melodicas	Lego STEAM (continued) 2:45 – Ukulele	Lego STEAM (continued) 2:45 – Ukulele	

3:00	Melodicas (continued) 3:10 – folk dances 3:40 clean up	Melodicas (continued) 3:10 – folk dances 3:40 clean up	Ukulele (continued) 3:10 – folk dances 3:40 clean up	Ukulele (continued) 3:10 – folk dances 3:40 clean up	Ukulele (continued) 3:10 – reflect, present, discuss projects 3:40 clean up
3:45	Get ready to leave	Get ready to leave	Get ready to leave	Get ready to leave	Get ready to leave

- Drop off campers between 8-8:45 a.m. in front of Frandsen Humanities Building.
- Pick up campers between 4-4:30 p.m. in front of Frandsen Humanities Building.
- All campers should bring morning and afternoon snacks, lunch and a water bottle every day.