

Kentucky Science Center Programs and NGSS Standards



Program and Exhibits		6th Grade	7th Grade	8th Grade	High School
Exhibits	Science in Play				
	World We Create	MS-PS2-1 , 6-PS2-2	MS-PS2-1 , MS-PS2-2 , MS-PS3-2	MS-ETS1	HS-PS2-1-4 , HS-ETS1
	World Around Us		MS-LS1-3 , 7LS1-5	MS-LS1-8	HS-LS2-7 , HS-LS4-4
	Discovery Gallery	MS-PS2-2	MS-LS1-3 , 7LS1-5	MS-LS1-8	HS-LS2 , HS-LS4-4
	Nanotech Gallery	MS-PS1-1 , MS-PS1-3			
	World Within Us	Our 3rd floor exhibit will be renovated in 2019 and will host a state-of-the-art health and body science exhibit. Perfect for upper elementary, MS and HS students.			
	Shapes and Stuff				
Onsite Classes and Labs	Organisms & Ecosystems	MS-LS2-1 , MS-LS2-3	MS-LS2-1	MS-ESS3-3	HS-LS2-7 , HS-LS4-4
	Energy in Motion	MS-PS2-1	MS-PS2-5 , MS-ETS1-2	MS-ETS1-3	HS-PS2-3
	Our Dynamic Earth	MS-ESS2-1	MS-ETS1-1	MS-ESS3-2	HS-ESS2-5 , HS-ETS1-3
	Transformation of Matter	MS-PS1-1	MS-PS1-2	MS-ETS1-2	HS-PS2-6
	Our Universe	MS-ESS1-2	MS-ETS1-2	MS-ETS1-2	HS-ESS1-4
	Name that Part	MS-ETS1-1	MS-ETS1-1	MS-ETS1-1	HS-ETS1-2
	MakerPlace	MS-ETS1-1	MS-ETS1-1	MS-ETS1-1	HS-ETS1-2
	Pulse of Surgery	MS-LS1-3	MS-LS1-3	MS-LS1-3	HS-LS1-2 , HS-LS1-3
Science at Your Site	Early Childhood Science Expo				
	* Animal				
	* Touchy Feely Mucky Messy				
	* STEM				
	* Water				
	* Push and Pull				
	Science Expo				
	* Animal				
	* Messy				
	* Math				
	* Body	MS-LS1-1 , MS-LS1-3	MS-LS1-1 , MS-LS1-3	MS-LS1-1 , MS-LS1-3	
	* Weather	MS-ESS2-5	MS-ESS2-5	MS-ESS2-5	
	* Engineering	MS-PS2-4	MS-PS2-4	MS-PS2-4	
Science Enrichments	Hands-on sessions are either 60 or 90 minutes, and are available during school hours as a class or lab experience, or after-school as a science "club" or additional science content. Each Science Enrichment has KAS, Math, and Literacy standards integrated into a variety of STEAM topics.				
Ion Jones	MS-PS1-1 , MS-PS1-4 , MS-PS1-3	MS-PS1-1 , MS-PS1-4 , MS-PS1-3	MS-PS1-1 , MS-PS1-4 , MS-PS1-3		
Captain Current (walk up)	MS-PS3-1 , MS-PS1-3 , MS-ETS1-3	MS-PS3-1 , MS-PS1-3 , MS-ETS1-3	MS-PS3-1 , MS-PS1-3 , MS-ETS1-3		
Challenger Learning Center	Expedition Mars	MS-ESS1-3	MS-ESS1-3	MS-ESS1-3	HS-ESS1-2
	Return to the Moon	MS-ESS1-1	MS-ESS1-1	MS-ESS1-1	HS-ESS1-4
	Rendezvous with a Comet	MS-ESS1-3	MS-ESS1-3	MS-ESS1-3	HS-ESS1-2

* Denotes individual themes of Science Expos and Early Childhood Science Expos