

Thanks to Onslow County Schools for sharing their Coaches Matrix 2018!

Event	Team Members	Materials	Impounded
Period 1			
3, 2, 1 Blast Off! (choice of 1 st or 2 nd period in most regions, check schedule)	Up to a team of 2	-Bottle rockets (made from 1-Liter carbonated beverage bottles) -bottle labels if removed -safety goggles -May also bring funnels and any other tools to repair rockets	NO
Backyard Biologist (focus on trees, plants and birds)	Up to a team of 2	- writing instruments -2 commercially produced field guides or 2-1” 3-ring binders with pages with in any forms from any sources in page protectors (Only 2 books allowed in the room) -2 hand lenses -Actual plant and leaf samples are allowed in the binders in plastic sheet protectors -No actual bird parts or feathers are allowed.	
Chew the Fat	Up to a team of 2	writing instruments No other resources are allowed.	
Describe It, Build It	A team of 2	-writing instrument for describer	
Weather Permitting	Up to a team of 2	-writing instrument MAY NOT BRING ANY RESOURCES	
What’s the Matter	Up to a team of 2	-writing instruments No other resources are allowed	
Work It Out	Must have 4 people	No resources	
Event	Team Members	Materials	Impounded
Period 2			
Bridge-A-Roni (choice of 2nd or 3rd period in most regions, check schedule)	Up to a team of 2	Teams must bring bridge and safety glasses.	no
Data Crunchers	Up to a team of 2	MAY NOT BRING RESOURCES Everything will be provided	
Duct Tape Challenge	Up to a team of 2	May bring something to write with, a ruler, scissors, and a stopwatch.	
Fossil Frenzy	Up to a team of 2	-writing instruments -one 8.5” x 11” two-sided page of notes containing information in any form from any source	

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STEM Design Challenge	Up to a team of 3	Teams MUST bring the specified tools and their box full of K'nex materials. Teams may bring only 1 picture no larger than 8.5" x 11" of their device. Not a collage. No other resources are allowed.	Yes: drop off box that is clearly labeled in room. All boxes must be in the room by 7:50 am.
Super Sleuths	Up to a team of 2	<p>May only bring the following items as specified items in the coach's manual.</p> <p>Students not bringing these items will be at a disadvantage.</p> <ul style="list-style-type: none"> -Spot plates, paper cups, or any containers in which teams can perform the tests - Droppers, popsicle sticks, spatulas, plastic spoons, tongs, and/or forceps for handling materials - pH test strips or paper -A ruler -A wash bottle or dropper bottle of distilled water -Hand lenses or loupes -Paper towels -A disposable cup for solid waste (non-negotiable) -Writing instruments (non-negotiable) -safety goggles(nonnegotiable) -closed toed shoes (non-negotiable) -hair must be tied back (non-negotiable) -8.5" x 11" two-sided page of notes containing information in any form from any source 	
Heat is On	Team up to 2	<ul style="list-style-type: none"> -Must bring a writing instrument -Teams may not bring resources to this event. 	

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Period 3			
Ecology Experts	Up to a team of 2	Must bring a writing instrument. No other resources are allowed.	
Movers and Shakers	Up to a team of 2	writing instruments No other resources are allowed	
Science Password	must be in a group of 2 or 3	May not bring anything to the competition	
Sky Quest	Up to a team of 2	-writing instruments No other resources are allowed	
Trajeggtory	Up to a team of 2	Teams must bring supply boxes and safety glasses	Yes; drop off boxes in by 7:50am. Each box must be clearly labeled
Progamers	Up to a team of 2	Trial event	