

Sidmouth Science Festival
Sunday 15th October

Norman Lockyer Observatory

Marquee1 (BBD)	Marquee 2 (STC)	Pathway Outside	Marquee 3 (NLO)	Marquee 4	Lecture Theatre	Committee Room	Planetarium	Lockyer Technology Centre	Launch Site
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10:00	Sunday Funday - Theme: Sky/Atmosphere Site entry £8 : adults - Children : free													
10:30														
11:00	Rolf's Robots	Jet Car Build and Pitstop		Cheltenham Science Group (activities for under 7 year olds)	Space Detectives - Alien Worlds		2 times Do	Planetarium Show	Meteor Detection					
11:30	Rolf's Space for Nature	Build your own jet car to race at 3:00pm		<i>Help us get into space! Ignite your creativity by helping Cheltenham Science Group to engineer space shuttles and aeroplanes from cardboard and paper. Then discover how to launch rockets through the atmosphere by investigating some simple chemical reactions.</i>	Virtual Reality system simulating space flight		<i>Explore the world of Robots, 3D printing, Minecraft, Electronic Music and Scratch Coding with a series of simple, hands on activities for all ages.</i>	Planetarium Show	Weather Satellites					
12:00	Colin's Robots Working robots you could build yourself from Lego and Raspberry Pi				Exoplanet making	Balloon Post Launch Talks by Chris Hillcox and Sidmouth College students			<i>Drop in and explore throughout the day</i>	Stories under the Stars Mike O'Leary	FunCubes	Balloon launch		
12:30	Spagetti Tower		Race 1 (for prebuilt cars)		Exoplanet Detection Experiments								Solar Activity	
13:00	Domino Push				Gravity Experiments	History of Ballooning Talk by Adam Hart Davis 13:00-13:45								
13:30	Build your own electric motor													
14:00	Potato Battery (Hand on - Making a battery out of potatoes)				"A Guide to Leaving the Planet" Talk by Dallas Campbell 14:00-14:45			Planetarium Show						
14:30	Astro Scouts													
15:00			Race 2 (for cars built in marquee)		Weather in the atmosphere Talk by Brian Golding			Stories under the Stars Mike O'Leary						
15:30														
16:00	Science Festival and Observatory close at 16:00													