



Family Festival of Science

Saturday 8th October 2016

Thomas Hardy School Science Department and Theatre

1.00 p.m. to 5.00 p.m.

We have invited scientists from external organisations to contribute a range of displays, competitions and interactive activities to add to those provided by Dorchester Area Schools Partnership schools including:

The Rocket Show <i>Shows at 1.30, 2.30 & 3.30 p.m. (free tickets 9.00 a.m. 20.9.16 onwards)</i>	Explorer Dome
Catchment Models - play and learn about river catchments with activities about effects of farming, factories, homes and cars on rivers.	Wessex Water Dorset Litter Free Coast and Sea
Big Draw help make art works inspired by one of our 2016 themes	THS Art Department
The Secret Life of Microbes <i>Uncover the mysteries of freshwater biology</i>	Bournemouth University
Ask an Astronomer! Space Dome Shows <i>Quiz our resident astronomers about planets, stars and the universe</i>	University of Southampton
Physics Busking <i>Fast, frivolous, weird, wonderful little experiments, all great fun</i>	Institute of Physics
Know your Loaf! <i>Find out about the amazing way in which you brain functions.</i>	Sara Pascoe
Earth Science Fun <i>Learn about the ground breaking work of our unique fossil club; dig for fossils, make fossils and play games; every rock has a history talk</i>	THS Fossil STEM Club and the Jurassic Coast Trust
Have a go at Animal Tracking <i>Practise tracking animals and find out about animal behaviour research</i>	Biotrack
'Gopher' Science <i>Simple hands-on science to encourage natural curiosity to find out how and why everyday things work</i>	THS science staff and students
Nature and Environment <i>Activities galore on bioenergy from waste, biodiversity, sustainability</i>	University of Southampton
Emergency Services <i>How science and gadgets helps to keep us safer</i>	Dorset Police, Fire & SW Ambulance
Close encounters with Animals <i>Enjoy meeting hissing cockroaches, scorpions, millipedes, boa constrictors, tarantulas and more in fun presentations</i>	Ranger Russ
Weird and Wonderful Wings <i>Learn about the beauty of butterflies and marvels of moths</i>	Butterfly Conservation
Tick Boxes <i>Explore the biology of ticks and the diseases they sometimes carry</i>	THS & University of Exeter
Animal Detective Quiz <i>Decipher clues to discover which animal left them behind</i>	Dorset Wildlife Trust
Solar Power <i>Explore the technology with solar photovoltaic kits</i>	Communities Living Sustainably
Reptiles from Heathland <i>Get up close to Dorset reptiles and spot the species from their scaly skin</i>	Urban Heaths Partnership
Lego Robotics: Navigate a Martian landscape & save your space crew	Bournemouth University
Build and float a boat: Take part in a design and test challenge	QinetiQ

The event is suitable for all ages, with open access and free entry.

Light refreshments will be available in aid of charity.