



Wednesday 15 March 2017

Ayrshire Regional STEM Celebration



Dumfries House

Event Partner



PROGRAMME

09.00 -10.00	Arrival and Set up
10.00 - 10.15	Welcome and Introduction: Dr Karen Alexander, STEM Co-ordinator Dumfries House Jane Martin, Programme Director – Young Engineers and Science Clubs Scotland, SCDI
10.15 – 11.30	Judging of Showcases STEM Challenge Construct a Crane Testing, in partnership with EnerMech Institute of Physics and YESC Drop-ins
11.30 - 11.45	Break
11.45 - 1.00	Judging of Showcases STEM Challenge Construct a Crane Testing, in partnership with EnerMech Institute of Physics and YESC Drop-ins
1.00 – 1.30	Lunch
1.30 – 1.45	Presentation of Awards Vote of Thanks: Jane Martin
1.45 - 2.00	Dismantle and Depart

COMPETITORS

School and Authority	Projects
Cumnock Academy, <i>East Ayrshire</i>	Range of STEM challenges from our STEM Club, Construct a Crane
Doonfoot Primary, <i>South Ayrshire</i>	Construct a Crane
Greenmill Primary, <i>East Ayrshire</i>	Range of STEM projects, Construct a Crane
Greenwood Academy, <i>North Ayrshire</i>	Tomorrow's Engineers Robotic Challenge and Construct a Crane
Kingcase Primary, <i>South Ayrshire</i>	Motorised Moon Buggies as part of our space topic and Construct a Crane
Netherthird Primary, <i>East Ayrshire</i>	Science on the Menu and Construct a Crane
Prestwick Academy, <i>South Ayrshire</i>	Steady hand game, scribble bots, spaghetti challenge, paper rollercoasters and Construct a Crane
St Matthew's Academy, <i>North Ayrshire</i>	Forensic Science Club
St Ninian's Primary, <i>South Ayrshire</i>	We have been working in partnership with the Ayrshire Rivers Trust and are planning to showcase the life cycle of a trout, together with a model of the water cycle and Construct a Crane
Stanley Primary, <i>North Ayrshire</i>	STEM Family Wellbeing Saturday Club. Families have been using some of the adapted Science on the Menu materials and planting vegetables. They have also been cooking healthy meals and eating together to enjoy the finished products. We have also looked at family physical activity to ensure we have a balanced lifestyle
Stewarton Academy, <i>East Ayrshire</i>	Fluid power robotic arm constructed by pupils. The arm can lift, rotate and grip an object. Construct a Crane
Whiting Bay Primary, <i>North Ayrshire</i>	Flashing Christmas Lights and use of pneumatics and hydraulics including an hydraulic lifting arm. I'm an Engineer, I can help here! Emergency Flood Challenge. Construct a Crane

STEM CHALLENGES AND SPONSORS



For further information on Young Engineers and Science Clubs Scotland visit www.yecscotland.co.uk read our Twitter Feed [@scdiYESC](https://twitter.com/scdiYESC) or contact:

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Lead Partners



Principal Partners

