

## National Youth Science Forum – Local Hub

### University of Newcastle –Program Schedule

Session Time	Area	14 January 2020	Area	15 January 2020
9:00am – 9:50am	Future Students	Coming to Uni talk/panel with ambassadors	Math	Maths Relay – Solve fun maths problems in teams against time.
10:00am – 11:00am	Math/Stats	Discover Symmetry Workshop	Engineering	Rockets, Race Cars and Unmanned Boats
11:10am – 11:40am		Robert King (NYSF Alumni) – NYSF and Beyond		Civil engineering Lab Tour and Research Snapshot
11.50am – 12.30pm		Material Science and Mathematics	Future Students	Campus walking tour with student ambassadors
12:30pm – 1:30pm	Free time	Lunch	Free time	Lunch Student ambassadors to drop-in session for students interested in studying at UON
1.30pm – 2:00pm	Physics	Karen Livesey (NYSF Alumni) – NYSF and Beyond	Engineering	Advanced Nanomaterials – Lab tour from researchers in GICAN
2:10pm – 2:40pm		Virtual Reality Radiation Lab		
2.50pm – 3:50pm		. The Sun – Use the solar telescope to observe the Sun. . Travel through a Storm – virtual reality	Physics	Nanotechnology – Make gold nanoparticles
4:00pm – 5:00pm	SMART	Robotics: Coding for control - inputs and outputs	SMART	Cryogenics: Liquid Nitrogen and ‘Dry Ice’

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Dated: 4 December 2020