

Trinity College STEM Programme

Sample programme

for 15-17 age group

Week 1	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.00 – 9.00		Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
09.30 – 11.30	Arrival	Level test & Orientation	Physics – Waves and oscillations	English lesson	Engineering – Force analysis of bridges	English lesson	Visit to Birr Observatory
11.30 – 11.45		Break	Break	Break	Break	Break	
11.45 – 13.45		Maths – Solving & Creating Problems and functions	English lesson	Technology & Project Work – Coding and microelectronics	English lesson	11.45 – 12.45 Technology – Coding and microelectronics 12.45 – 13.45 STEM/Vocabulary quiz	
13.45 – 14.45		Lunch	Lunch	Lunch	Lunch	Lunch	
14.45 – 17.00		City Centre Orientation	Visit to National Gallery	Visit to Science Gallery	Sports	STEM Speaker Series –	
18.00 – 19.00		Dinner	Dinner	Dinner	Dinner	Dinner	
Evening	Welcome and Ice-Breakers	Sports	Irish Music Evening	Treasure Hunt	Themed Disco	Movie Night	Challenge / Games Night

Week 2	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08.00 – 09.00		Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
09.30 – 11.30	Free Day	English Lesson	Technology & project Work – Robot build	English lesson	Maths – Number Theory	English lesson	Visit to Malahide & Howth
11.30 – 11.45		Break	Break	Break	Break	Break	
11.45 – 13.45		Physics – Mechanics and Newton's Laws	English lesson	Engineering – Fluids and aerodynamics	English lesson	11.45 – 12.45 Technology – Robot test 12.45 – 13.45 STEM/Vocabulary quiz	
13.45 – 14.45		Lunch	Lunch	Lunch	Lunch	Lunch	
14.45 – 17.00		Visit to Museum of Natural History	Visit to Zoology Museum	Sports	Visit to St. Patrick's Cathedral	Presentation of Projects	
18.00 – 19.00		Dinner	Dinner	Dinner	Dinner	Dinner	
Evening	Table Quiz	Talent Show	Karaoke Evening	Magic Show	Themed Disco	Movie Night	Challenge / Games Night