

MAIDEN ERLEGH SCHOOL

Science, Technology, Engineering, Arts and Mathematics
(STEAM) Enrichment Programme



MAIDEN ERLEGH
SCHOOL

Purpose:

- To provide a planned programme of enrichment opportunities to engage and empower students through Science, Technology, Engineering, Arts and Mathematics.
- To provide impartial advice and guidance so that students are aware of the different STEAM-related career possibilities at different transition points.
- Directly linking the curriculum and subjects that students are studying with STEAM-related careers and opportunities through the employment, university and apprenticeships.
- To allow students to engage with STEAM-related businesses and personnel to explore different entry routes and gain first-hand information regarding what life is like on a day-to-day basis.
- To promote STEAM-related Local Labour Market information to allow students to explore current skills gaps and STEAM-related jobs in Berkshire and South East England.



Year 7 Provision:

Science Fair
Careers Fair
Junior Mathematics Challenge
Mathematics Drop-in
Master Chef Competition
TeenTech Award
3M Young Innovator Challenge
TeenTech Award
Technology STEAM Club
Master Chef Competition
Computer Science Club
STEAM Day
Thales Ozobots Challenge
#Careers Weeks – linking the curriculum with careers and destinations
Start u-explore Careers Software
Trips / Visits
Department-specific enrichment opportunities (see STEAM CLUBS on website)

Year 8 Provision:

Science Fair
Institute of Physics Science Ambassador Scheme Training Day
Careers Fair
Junior Mathematics Challenge
Mathematics Drop-in
Master Chef Competition
3M Young Innovator Challenge
Technology STEAM Club
Microsoft DigiGirlz experience
Thales Lego Mindstorm Challenge
Computer Science Club
Vision My Future Day
#Careers Weeks – linking the curriculum with careers and destinations
Start u-explore Careers Software
Trips / Visits
Department-specific enrichment opportunities (see STEAM CLUBS on website)



Year 9 Provision:

Science Fair
Institute of Physics Science Ambassador Scheme Training Day
Careers Fair
Science Hub
Intermediate Mathematics Challenge
Mathematics Surgery
Master Chef Competition
3M Young Innovator Challenge
Technology STEAM Club
Alan Turing Cryptography Competition
Computer Science Club
Thales People Like Me experience (girls only)
3M Innovation Centre trip
STEAM Careers seminars
#Careers Weeks – linking the curriculum with careers and destinations
Start u-explore Careers Software
Trips / Visits
Department-specific enrichment opportunities (see STEAM CLUBS on website)

Year 10 Provision:

Science Fair
Careers Fair
Science Hub
Intermediate Mathematics Challenge
Mathematics Feast (Gold Programme)
Mathematics Surgery
Master Chef Competition
3M Young Innovator Challenge
Technology STEAM Club
Alan Turing Cryptography Competition
Computer Science Club
Think Ahead Day
STEAM Careers seminars
#Careers Weeks – linking the curriculum with careers and destinations
Start u-explore Careers Software
Trips / Visits
Department-specific enrichment opportunities (see STEAM CLUBS on website)



Year 11 Provision:

Science Fair
Careers Fair
Science Hub
Intermediate Mathematics Challenge
Mathematics Feast (Gold Programme)
Mathematics Inspiration (Gold Programme)
Mathematics Surgery
3M Young Innovator Challenge
Technology STEAM Club
Computer Science Club
Bespoke Careers Interview
STEAM & WOOP Employability workshop
STEAM Careers seminars
#Careers Weeks – linking the curriculum with careers and destinations
Start u-explore Careers Software
Trips / Visits
Department-specific enrichment opportunities (see STEAM CLUBS on website)

Year 12 Provision:

Science Fair
Careers Fair
Breaking Good (Chemistry)
Cambridge Chemistry Challenge
Biology Boost
Physics Fix-It
Senior Mathematics Challenge
Mathematics Inspiration (Gold Programme)
Mathematics Surgery
Technology STEAM Club
Computer Science Club
Future Pathways Day
STEAM & WOOP Employability Workshop
STEAM Careers Seminars
#Careers Weeks – linking the curriculum with careers and destinations
Start u-explore Careers Software
Trips / Visits
Department-specific enrichment opportunities (see STEAM CLUBS on website)



Year 13 Provision:

Science Fair

Careers Fair

Breaking Good (Chemistry)

Biology Boost

Physics Fix-It

Senior Mathematics Challenge

Mathematics Surgery

Technology STEAM Club

Computer Science Club

Robotics Competition

STEAM-related Work Experience

STEAM Careers Seminars

#Careers Weeks – linking the curriculum with careers and destinations

Start u-explore Careers Software

Trips / Visits

Department-specific enrichment opportunities (see STEAM CLUBS on website)

