



**YOUTH
STEMM
AWARD**

Welcome

to the Youth STEMM Award!





**YOUTH
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A skills award for 11-19's

to develop and evidence skills in STEMM

and support applications to higher education & jobs



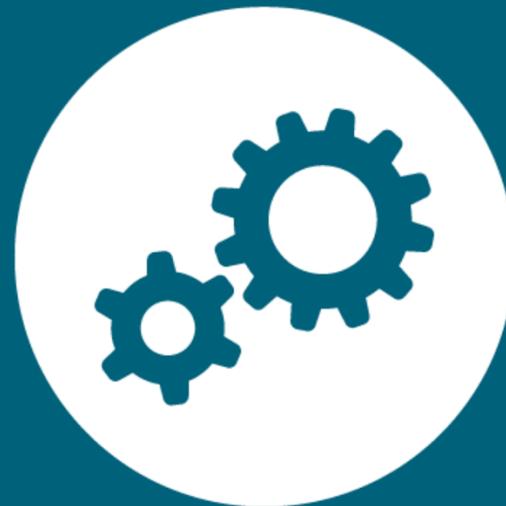
STEMM stands for:



Science



Technology



Engineering



Maths



Medicine

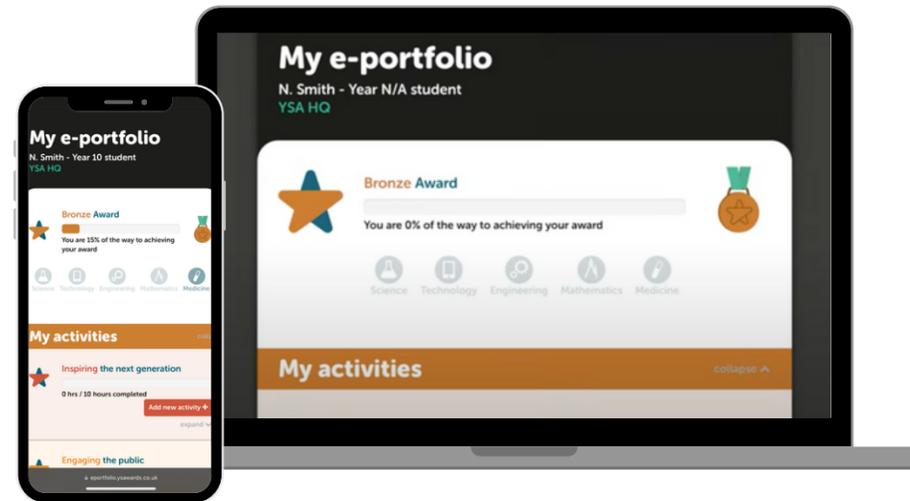
How it works:

1



Take part in extracurricular STEM-based activities and choose which strand to log the time under.

2



Add details of your activities to the YSA e-portfolio to complete the strands and earn virtual badges. Each submission gets approved by the school coordinator.

3



Complete enough hours and reach the criteria to achieve your Award at Bronze, Silver, or Gold levels.



When you complete

you'll receive a

medal, certificate and digital badge

This experience has been invaluable and I more than recommend you pursue this award

What is required for Bronze Level?



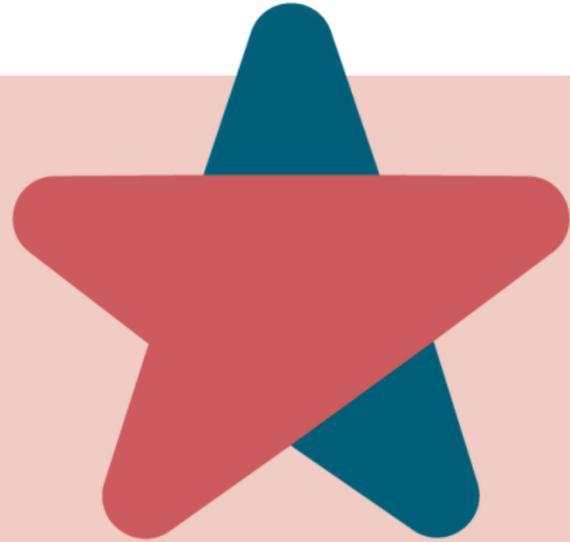
Undertake a minimum of 45-hours of STEMM-based activities

Log activities in each of the five STEMM areas (Science, technology etc..)

Complete the four stands, meeting the criteria required for each

Upgrade at any time to silver level (requires more hours)

The four YSA strands:



**Inspiring
the next
generation**

**Developing leadership
skills and confidence**

Example: Helping younger
children do a science
experiment



**Engaging
the public**

**Focusing on
communication skills**

Example: volunteering at
school open evening



**Developing
your skills and
knowledge**

**Following curiosity beyond
the national curriculum**

Example: Reading a science
magazine



**Shaping
your future**

**Exploring STEMM careers
and training opportunities**

Example: Watching a
careers talk



Any activity that involves an element of STEMM could count towards your Award:



Must involve at least one area of STEMM (can be more than one area)



Must be outside of normal lessons or homework



Lots of activities you may already do could count, including online and at home, after school clubs, trips, visits, work experience and careers days!

Can activities count if undertaken at school?

Yes (if STEMM related):



After school clubs, open evenings, public events etc



Organised trips and visits, or guest speakers coming into school/college



Extra study in your spare time to learn more about a topic that you may have touched on at school (not set homework)

Does NOT count:



Work carried out in normal lessons



Homework

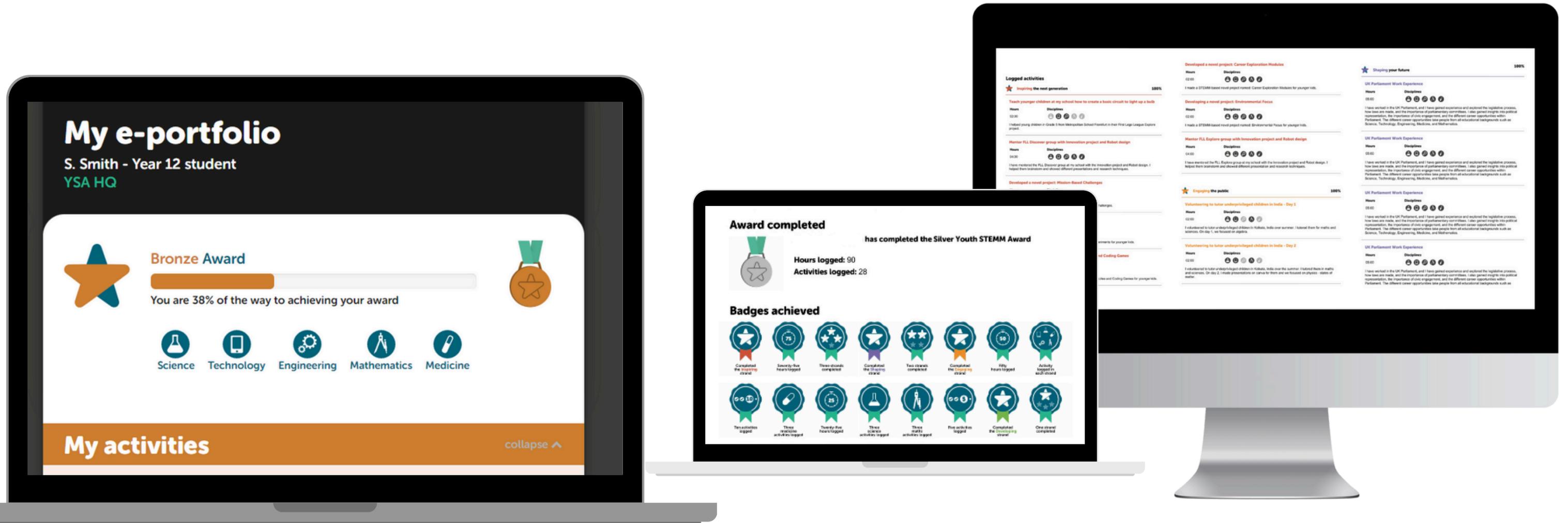


Exam/syllabus revision of topics learnt in school/college



Activities that don't involve or relate to STEMM topics

The YSA e-portfolio is easy to use and a great way to track progress:



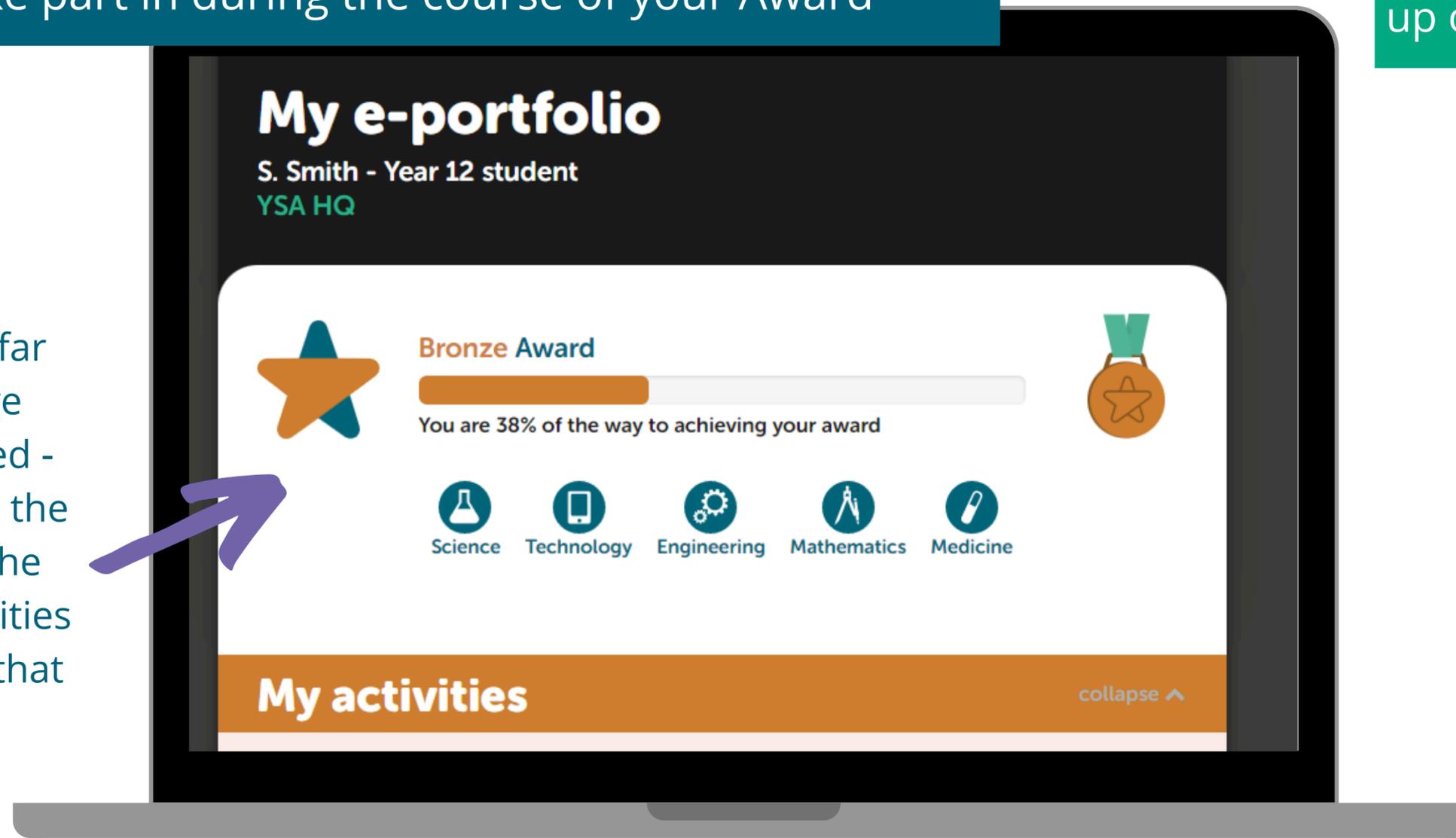
Its downloadable and provides a handy record of achievement for applications later on. Each YSA journey is unique!

Once you are registered you can start logging activities:

Your e-portfolio is where you will log all the activities you take part in during the course of your Award

Your YSA coordinator will set you up on the system

See how far you have progressed - the darker the colours the more activities logged in that area



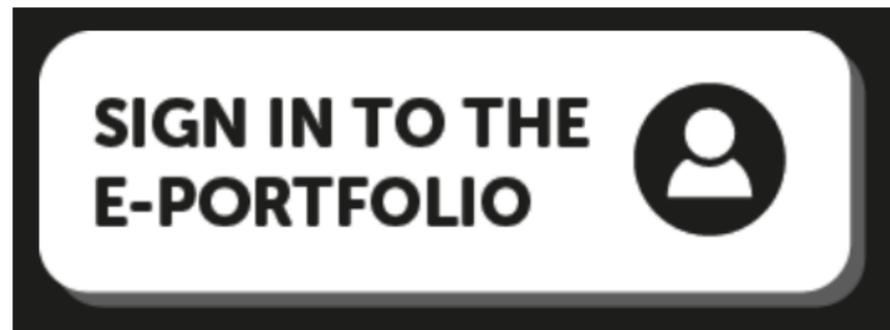
Look out for the welcome email and follow the link to log in, set your password and complete your profile information

Trouble shooting:
If you do not receive your welcome email, log in via the YSA website and click 'forgot password'.

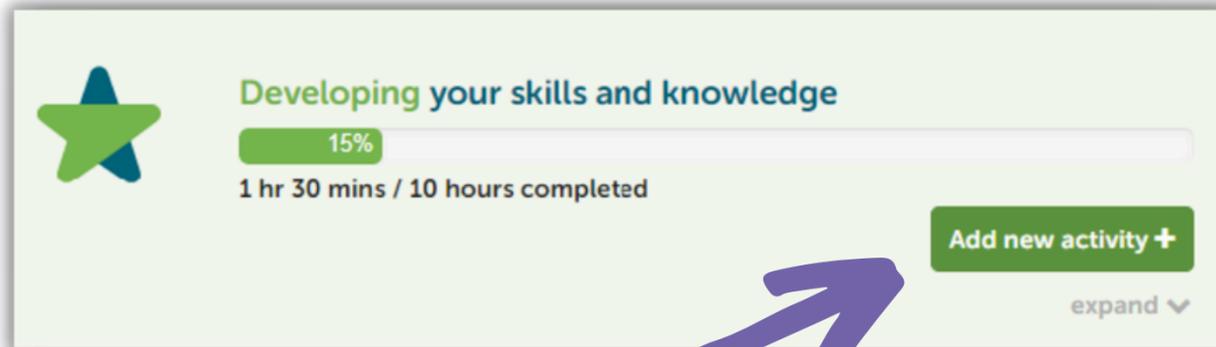
How to submit an activity:

To log an activity, visit www.ysawards.co.uk and follow the link to sign in to the e-portfolio

1



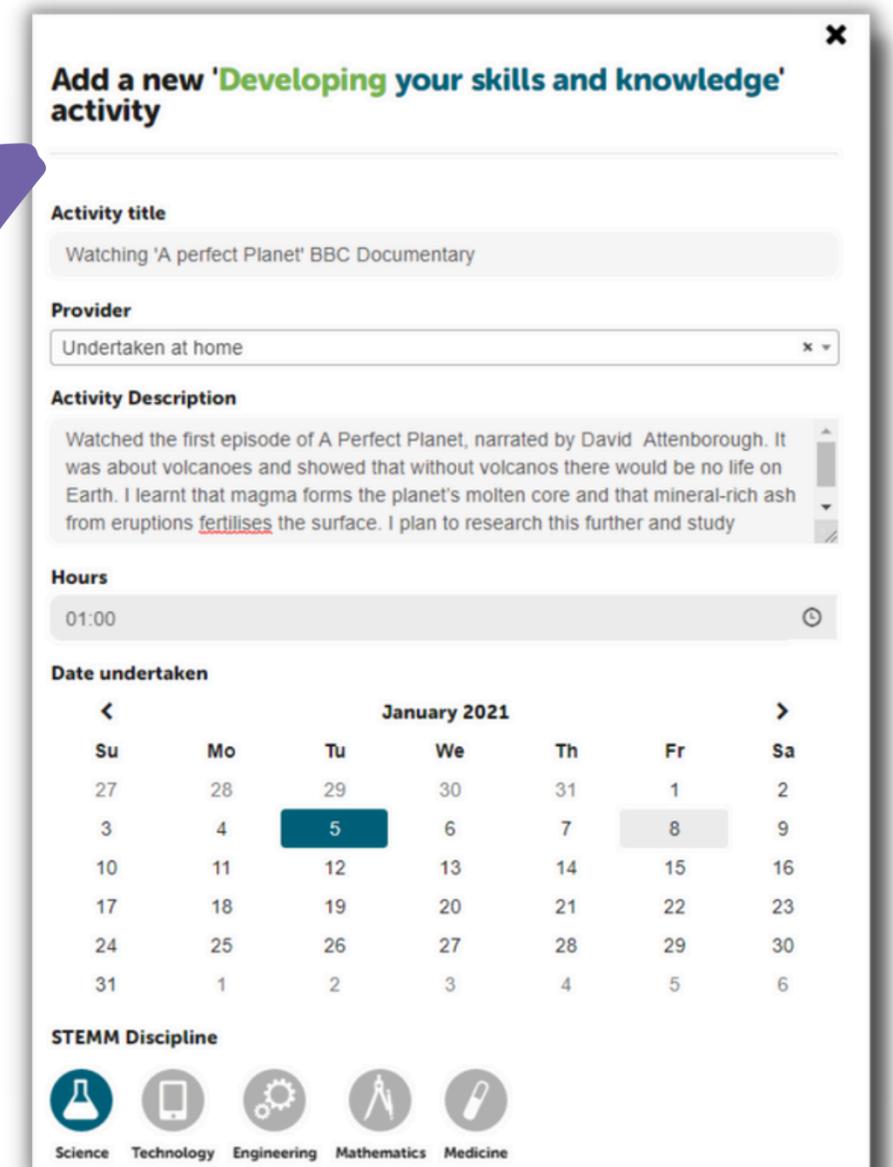
2



Choose the strand that best matches the activity and click 'add new activity'

3

Enter the details on the form, making it clear what you did and what you learned from the activity



Add a new 'Developing your skills and knowledge' activity

Activity title
Watching 'A perfect Planet' BBC Documentary

Provider
Undertaken at home

Activity Description
Watched the first episode of A Perfect Planet, narrated by David Attenborough. It was about volcanoes and showed that without volcanos there would be no life on Earth. I learnt that magma forms the planet's molten core and that mineral-rich ash from eruptions fertilises the surface. I plan to research this further and study

Hours
01:00

Date undertaken

January 2021						
Su	Mo	Tu	We	Th	Fr	Sa
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

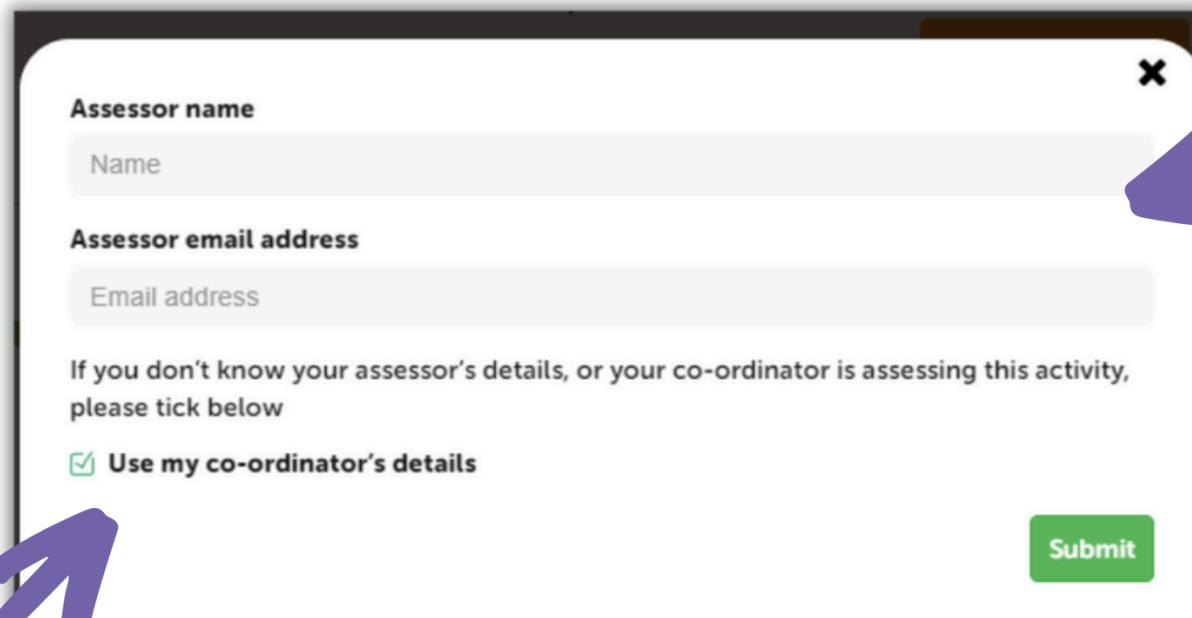
STEMM Discipline

Science Technology Engineering Mathematics Medicine

See the participants handbook and video for more guidance

Who checks your submitted activities?

Every activity must be validated by an independent person who can confirm that you took part



The screenshot shows a form with the following elements:

- Assessor name**: A text input field with the placeholder text "Name".
- Assessor email address**: A text input field with the placeholder text "Email address".
- Instructions**: "If you don't know your assessor's details, or your co-ordinator is assessing this activity, please tick below".
- Checkbox**: A checked checkbox labeled "Use my co-ordinator's details".
- Submit button**: A green button labeled "Submit".

Two purple arrows point to the "Name" and "Email address" fields, and another purple arrow points to the "Use my co-ordinator's details" checkbox.

Provide the name and email address of an independent adult who was involved with the activity and can confirm you took part, for example your work experience host

or: You can tick to use your coordinators details if appropriate, for example if you did the activity at home or it was part of a school-organised trip

Your coordinator will moderate your e-portfolio to check all of your activities and make sure you meet the criteria for the Award

Activity opportunities:

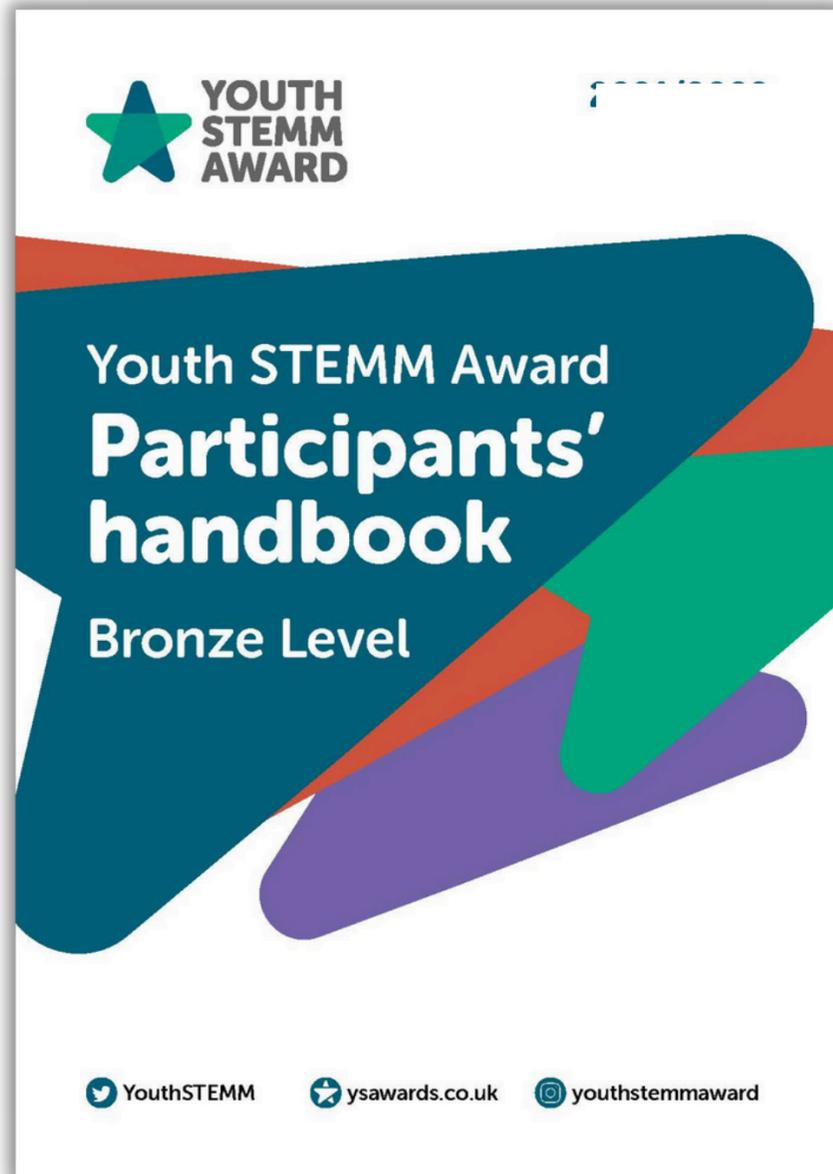
Check out the 'opportunities' section of your e-portfolio

The screenshot shows the 'Opportunities' section of an e-portfolio. It features a title 'Opportunities' with a 'collapse' button. Below the title, there are two sections: 'Your coordinator's opportunities' (with a message 'There are no featured opportunities.') and 'Other opportunities'. The 'Other opportunities' section lists four activities, each with a title, date, time, and a set of icons (star, person, calendar, gear, person, and lock).

Activity Title	Date	Time	Duration
Genomics Lite: Antimicrobial Resistance in Focus	30.09.21	16:30	1 hr 15 mins
Observe a scientific dissection live!	23.10.21	12:30 pm	3 hrs
Gaming: A Negative Influence or Force for Good?	25.10.21	6 pm	1 hr
Volunteer at Norwich Science Festival with the Planetarium	25.10.21	various times	4 hrs

*Plus check out the YSA newsletter for lots more ideas of what you can do to earn your hours!
Visit www.ysawards.co.uk and use the 'sign up' form at the bottom of the page to subscribe*

Visit the website for guidance materials:



Seasons Greetings!

Welcome to the final Youth STEMM Award newsletter for 2024. As we embrace the festive season, we're excited to share inspiring activity ideas, recent achievements and exclusive opportunities for the coming year. We wish all our community a joyful and relaxing holiday season!

Holiday Activity Ideas!

Add a little holiday cheer to your STEMM activities this season!

Festive Activities For Each Strand



subscribe to our newsletter for loads of activity ideas!



What students say about taking part:

As an aspiring medic, this has been a very positive experience for me, I have been able to log all of my activities, provide evidence for them and reflect on them which I can use as part of my personal statement. I would 100% recommend this to any student wanting to apply to a course in STEMM or even to further find out about STEMM.

Student feedback 2021



Students receiving Youth STEMM Awards in 2019 from Ambassador, Mark Thompson

Achievers' Feedback

Amanueal - Youth STEMM Award Gold Achiever

"It's not just an award - it's a catalyst for personal and professional transformation."

Taryn - Youth STEMM Award Silver Achiever

"It really helped me to discover the different opportunities presented through STEMM, and ultimately sparked my interest in science."

Its great to add to your university application form



Meet our wonderful ambassadors

Professor
Ben Garrod

Mark
Thompson

Maddie
Moate

Dr Nira
Chamberlain

Lizzie
Daly

Dr Marcia
Philbin



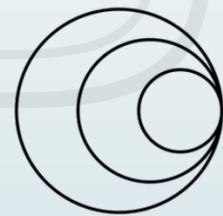
“ If something like the YSA had been around when I was at school, I honestly think I'd have explored my passion for science sooner, discovering it wouldn't just lead me down the stereotypical path of life in a white lab coat, but something that could be creative, social and full of adventure.

***Maddie Moate,
TV presenter, author
and YSA Ambassador***



Ambassadors Maddie Moate and Marty Jopson presenting medals in 2017

Thanks to our Partners and Collaborators





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Get involved!

#YouthSTEMMAward



youthstemmaward



www.ysawards.co.uk

