



**Launching Youth STEMM Award in your  
school or college**

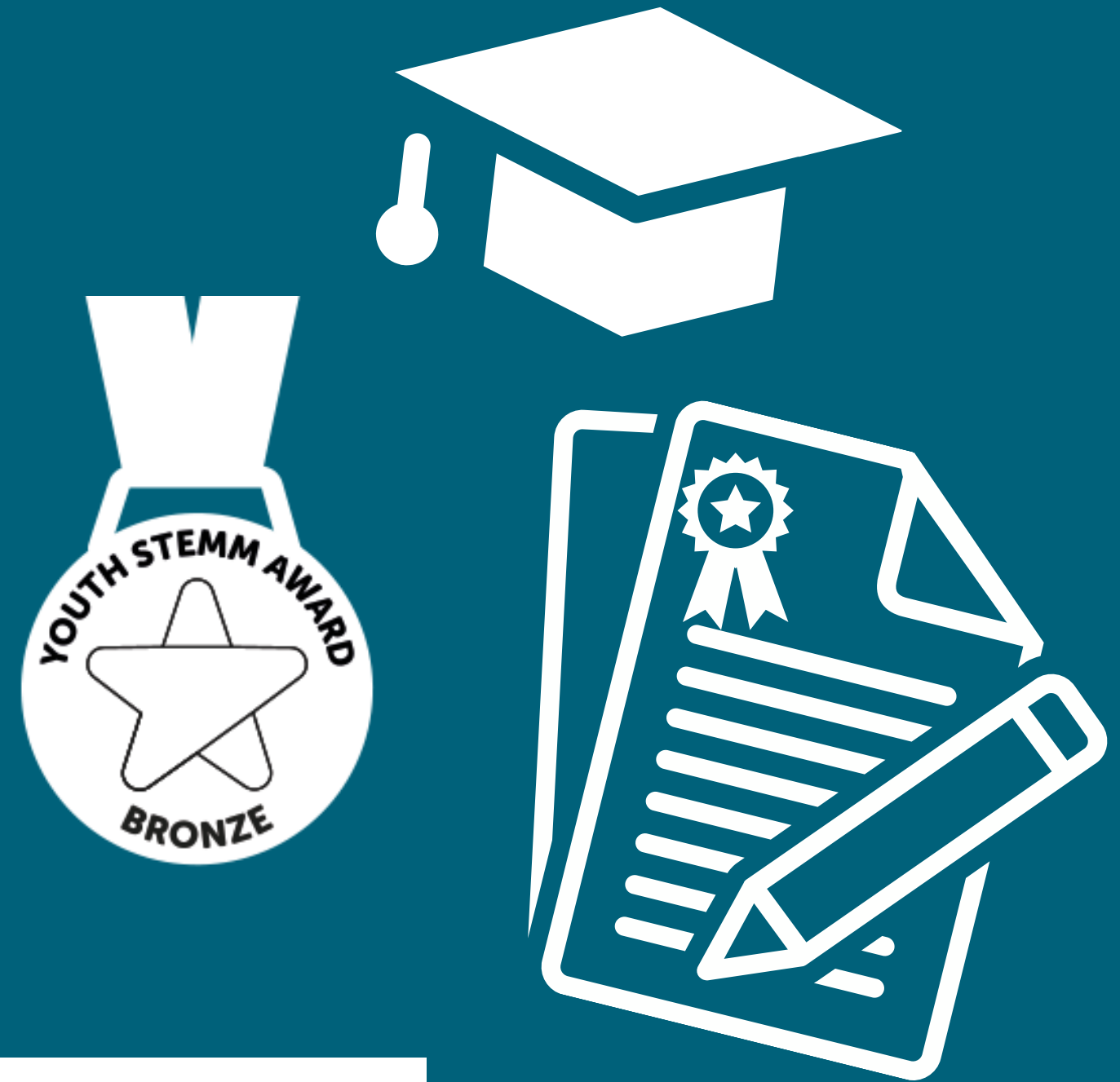


**YOUTH  
STEMM  
AWARD**

**Welcome**

**to the Youth STEMM Award!**





**A skills award for young people**

**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 STEMM-based activities and decide which of the four YSA strands they fit into**

2



**Log the hours on the e-portfolio to complete the strands and earn virtual badges**

3



**Complete enough hours to achieve your Award and receive a medal and certificate**

# Achieving a Bronze level Award:



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

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

Start and finish at any time of the year

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

Take as long as you need to complete

# These are the four YSA strands:

You'll need to undertake activities in each strand to comple your award

You can decide which strand your activity best fits into



**10 hours Inspiring the next generation to develop leadership skills and confidence as a role model to younger children**

Example: Helping a sibling learn some maths



**10 hours Developing your skills and knowledge to explore topics and areas that interest you**

Example: Reading a science magazine



**10 hours Engaging the public to develop your communications skills**

Example: Making a poster



**15 hours Shaping your future to focus on careers in STEMM and explore options you may not have previously considered**

Example: Watching a careers talk



# Any activity that involves an element of STEMM could count towards an 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/college?

## 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 first step is to log-on to your e-portfolio:

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

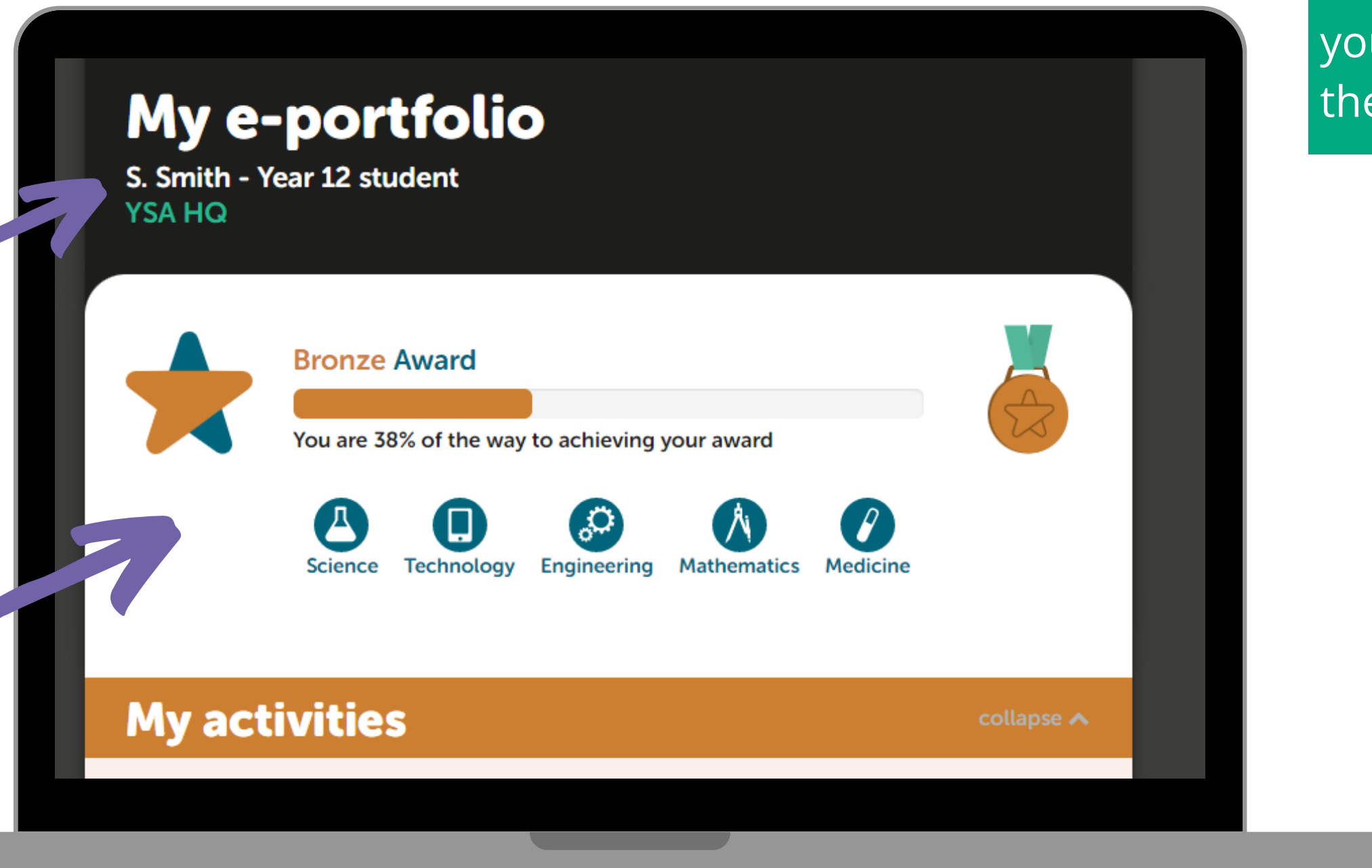
Your YSA coordinator (normally your teacher) will set you up on the system

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'.

Your name and details will appear here

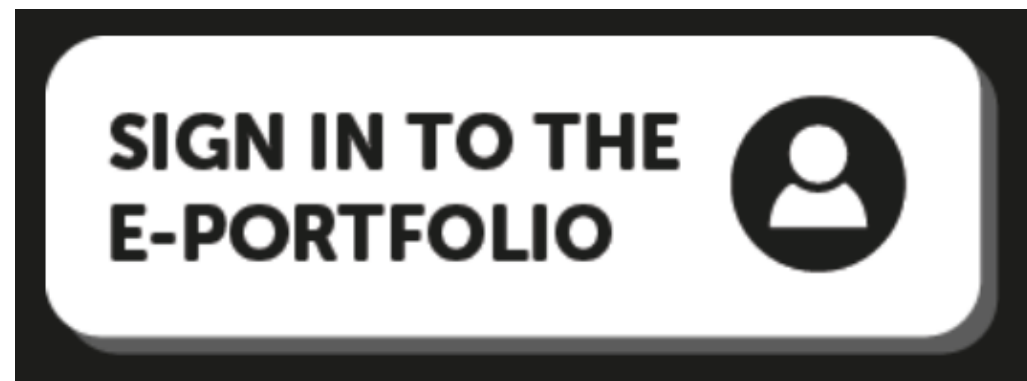
See how far you have progressed - the darker the colours the more activities logged in that area



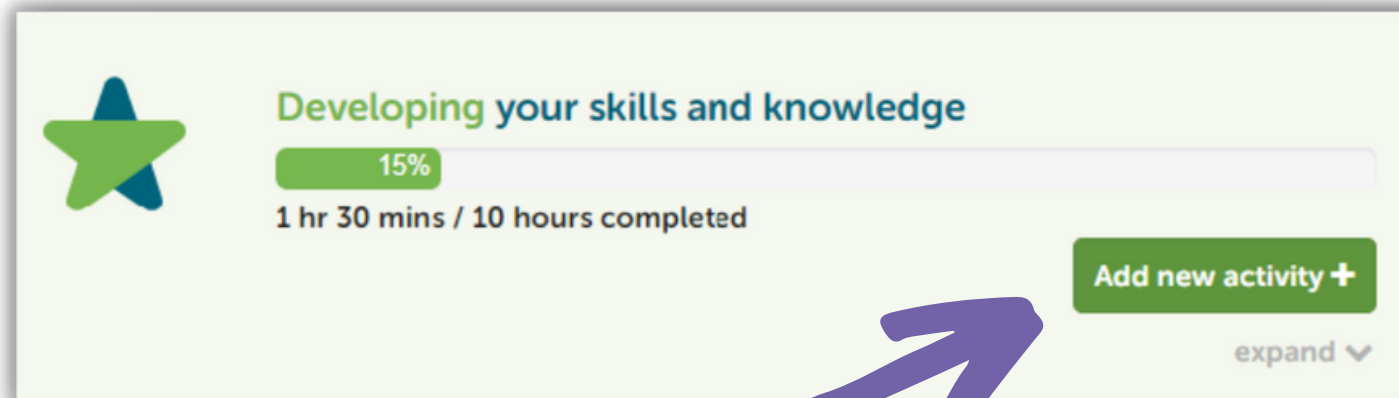
# How to submit an activity:

To log an activity, visit [www.ysawards.co.uk](http://www.ysawards.co.uk) and follow the link to sign in to the e-portfolio

1



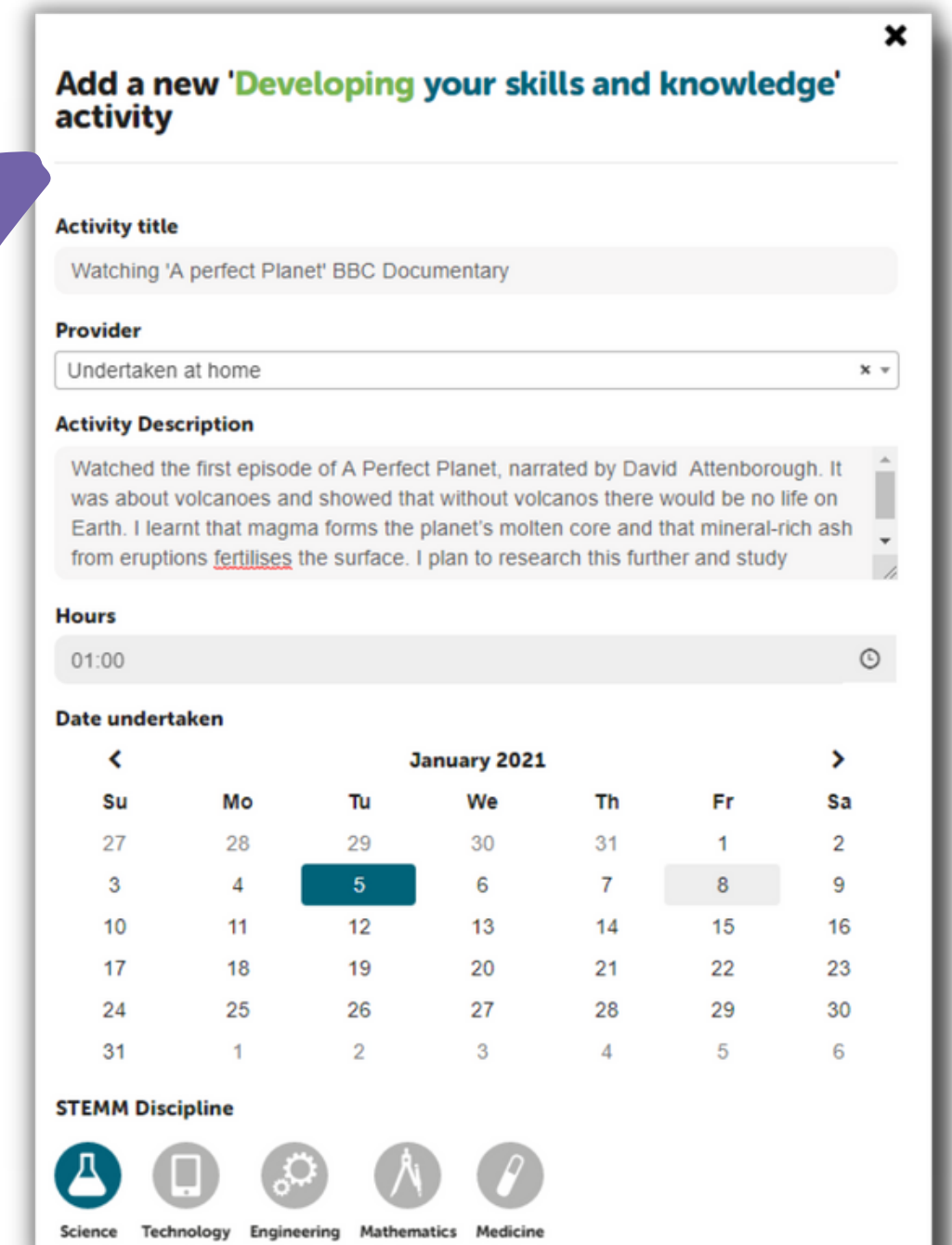
2



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

A screenshot of the "Add a new activity" form. It includes fields for "Activity title" (filled with "Watching 'A perfect Planet' BBC Documentary"), "Provider" (filled with "Undertaken at home"), and "Activity Description" (filled with a paragraph about watching the first episode of "A Perfect Planet"). It also has a "Hours" field (filled with "01:00") and a "Date undertaken" calendar for January 2021, where the 5th is selected. At the bottom, there is a "STEMM Discipline" section with icons for Science, Technology, Engineering, Mathematics, and Medicine.

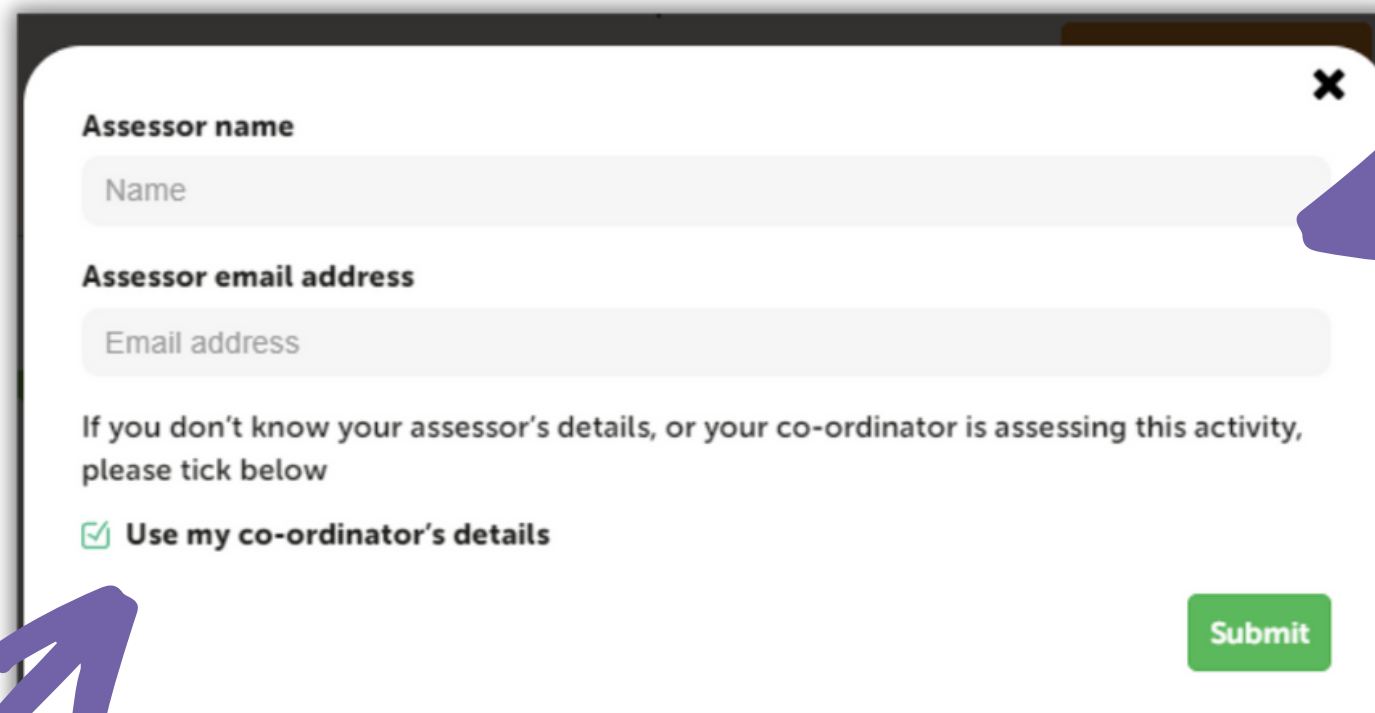
January 2021						
Su	Mo	Tu	We	Th	Fr	Sa
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

See the participants handbook for more guidance

# Who checks your submitted activities?

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

4



The form is titled 'Assessor name' and 'Assessor email address'. It has two input fields: 'Name' and 'Email address'. Below these fields, there is a text prompt: 'If you don't know your assessor's details, or your co-ordinator is assessing this activity, please tick below'. There is a checkbox labeled 'Use my co-ordinator's details' which is checked. A green 'Submit' button is at the bottom right. A purple arrow points to the 'Name' field, 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. At the top, the title 'Opportunities' is displayed in a bold, dark blue font, with a 'collapse' button and an upward arrow to its right. Below the title, the section is divided into two parts. The first part, 'Your coordinator's opportunities', states 'There are no featured opportunities.' The second part, 'Other opportunities', lists four activities, each in a colored card. Each card includes the activity title, a date and time, a duration, and a row of icons for favorite, calendar, location, settings, and a lock. The first card is green and titled 'Genomics Lite: Antimicrobial Resistance in Focus', with a date of 30.09.21 – 16:30 and a duration of 1 hr 15 mins. The second card is light blue and titled 'Observe a scientific dissection live!', with a date of 23.10.21 – 12:30 pm and a duration of 3 hrs. The third card is light blue and titled 'Gaming: A Negative Influence or Force for Good?', with a date of 25.10.21 – 6 pm and a duration of 1 hr. The fourth card is light blue and titled 'Volunteer at Norwich Science Festival with the Planetarium', with a date of 25.10.21 – various times and a duration of 4 hrs.

**Opportunities** collapse ^

Your coordinator's opportunities

There are no featured opportunities.

Other opportunities

**Genomics Lite: Antimicrobial Resistance in Focus** Partnership with Wellcome Genome Campus | 1 hr 15 mins  
30.09.21 – 16:30

**Observe a scientific dissection live!** | 3 hrs  
23.10.21 – 12:30 pm

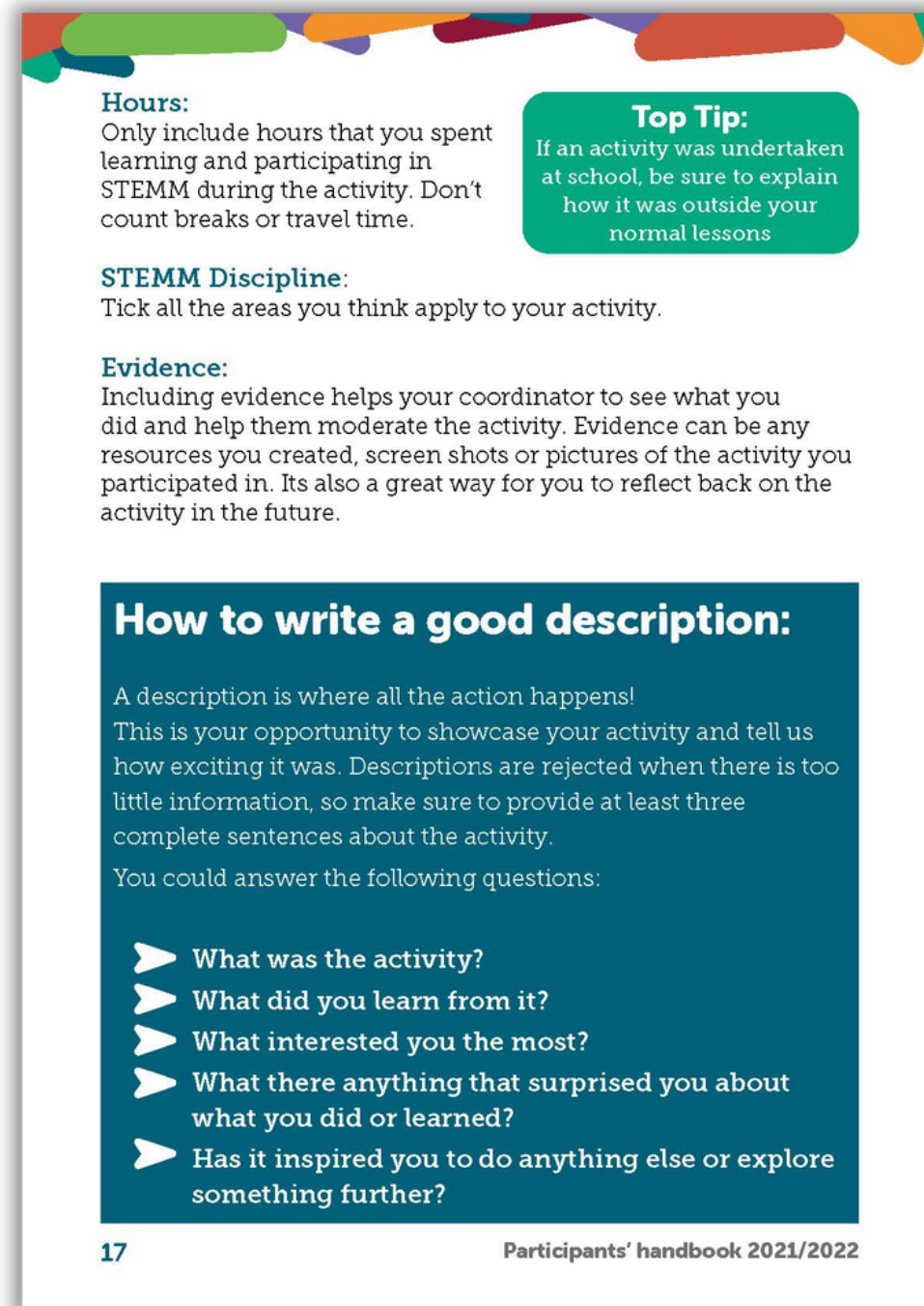
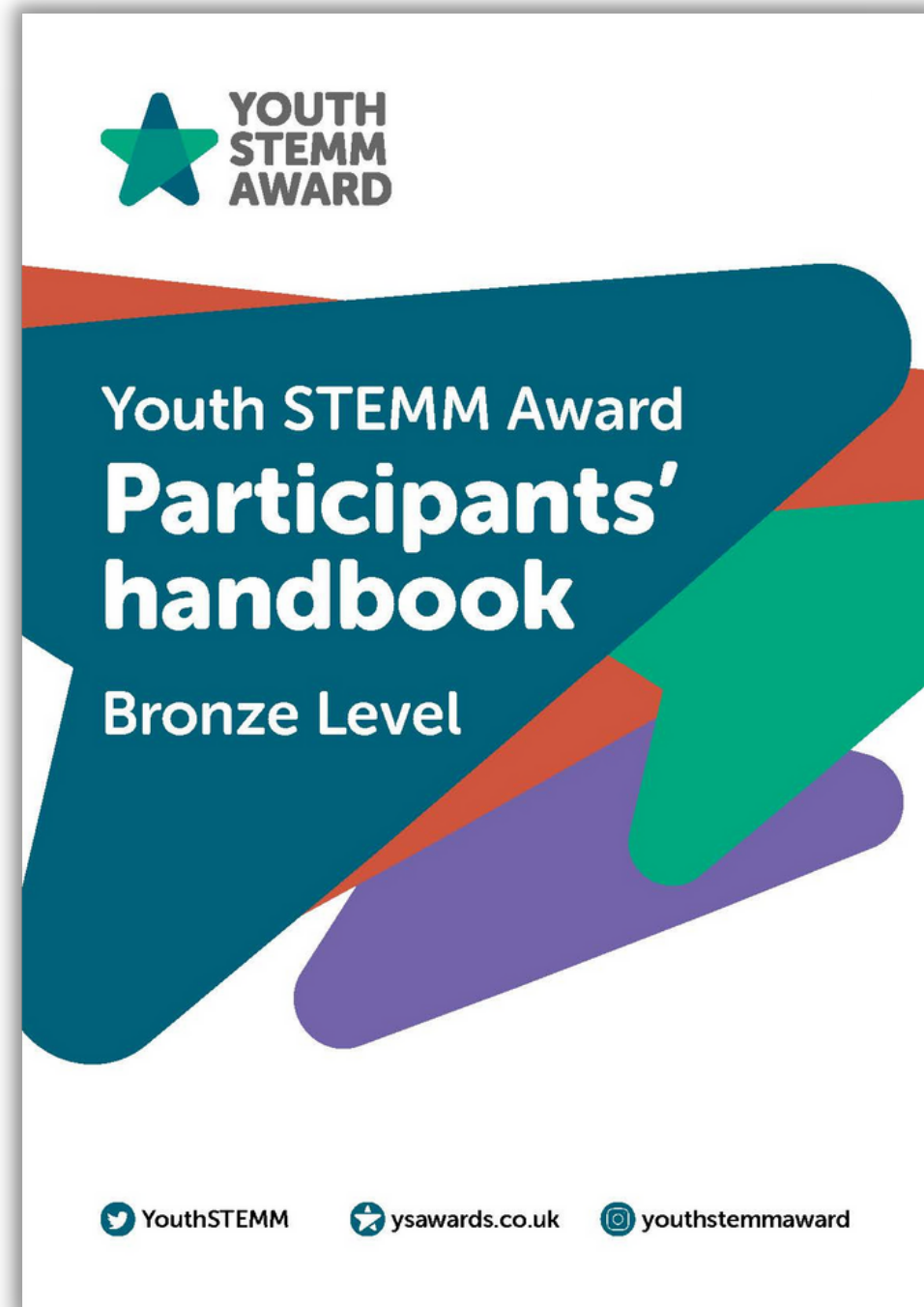
**Gaming: A Negative Influence or Force for Good?** | 1 hr  
25.10.21 – 6 pm

**Volunteer at Norwich Science Festival with the Planetarium** | 4 hrs  
25.10.21 – various times

*Plus check out the YSA newsletter for lots more ideas of what you can do to earn your hours!*

*Visit [www.ysawards.co.uk](http://www.ysawards.co.uk) and use the 'sign up' form at the bottom of the page to subscribe*

# See the YSA participants' handbook for more in-depth guidance:



*Plus you'll find lots more activity ideas!*



**YOUTH  
STEMM  
AWARD**

**When you complete**

**you'll receive a**

**medal, certificate and digital badge**



# Why you should get involved:

“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, You Tuber,  
TV presenter  
and YSA Ambassador***



**Ambassadors Maddie Moate and Marty Jopson presenting medals in 2017**

# Select Youth STEMM Award on the UCAS form



# 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**

# The YSA ambassadors

Respected STEMM professionals

Inspirational role models

Science communicators



**Professor Ben  
Garrod**



**Lizzie Daly**



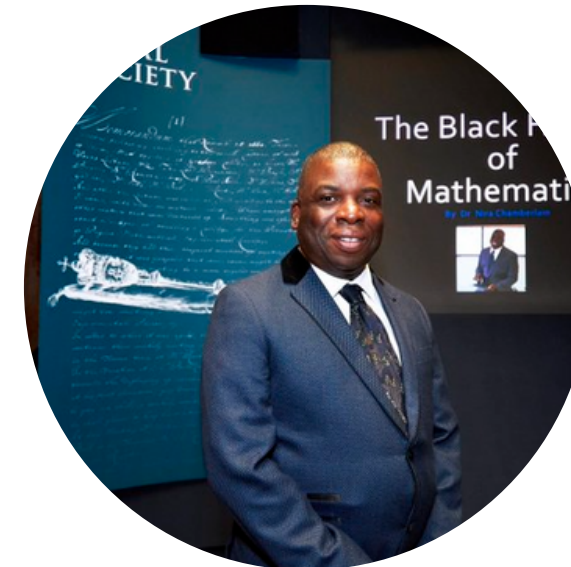
**Professor Mark  
Miodownik**



**Maddie Moate**



**Dr Marcia  
Philbin**

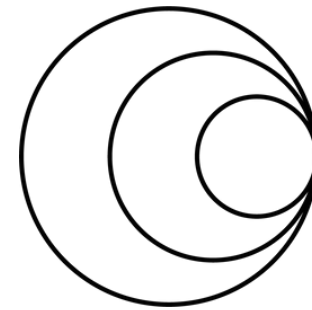


**Dr Nira  
Chamberlain**



**Mark  
Thompson**

# The YSA partners



**wellcome  
connecting  
science**



Internationally respected centres of research and higher education

Major STEMM employers

One of UKs largest public science festival



# Join the community



**YouthSTEMM**



**youthstemmaward**



**[www.ysawards.co.uk](http://www.ysawards.co.uk)**

**#YouthSTEMMAward**

