

# Teacher Notes

## Teacher preparation

### 1. Book your live chat

Book at [imascientist.org.uk/mrc-live-chat](http://imascientist.org.uk/mrc-live-chat)

Also book a computer room/ laptops for Lesson 3 - live chat

### 2. Check the IT will work

School networks often block the site. To avoid having IT issues, send this list of sites to your IT department to whitelist (unblock) before you start the activity in school:

\*.[imascientist.org.uk](http://imascientist.org.uk)

\*.[imascientist.ie](http://imascientist.ie)

\*.[imanengineer.org.uk](http://imanengineer.org.uk)

\*.[imanengineer.ie](http://imanengineer.ie)

\*.[imamedic.uk](http://imamedic.uk)

\*.[googleapis.com](http://googleapis.com)

\*.[gserviceaccount.com](http://gserviceaccount.com)

[gstatic.com](http://gstatic.com)

[firebaseapp.com](http://firebaseapp.com)

[firebaseio.com](http://firebaseio.com)

\*.[firebaseio.com](http://firebaseio.com)

### Test the live chat

The class teacher or IT technician can test the chat. Log in as a student on a students computer. Come along to our drop in session on Thursday 31<sup>st</sup> May, 3-4pm in the online staffroom to test the chat: [imascientist.org.uk/staffroom](http://imascientist.org.uk/staffroom)

If you have any issues, please call 01225 326892.

### 3. Create your student registration link and share with students.

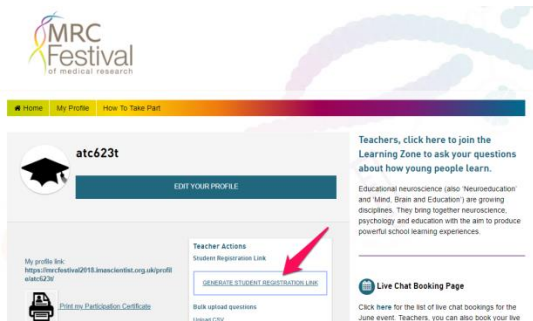
Do this on your profile. How-to-guide overleaf.

# Generating student registration link

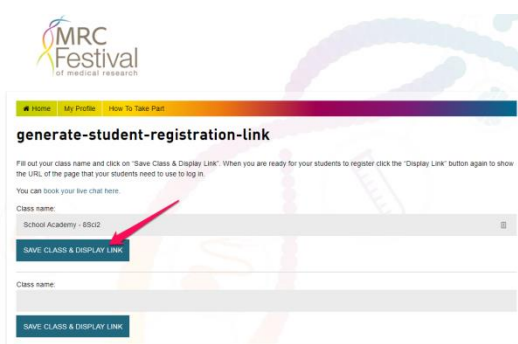
Your students will need a link from you to set up their accounts. It may be best to give them the link as part of a homework or in your first lesson on the activity. Students can log in from 21st May to look at profiles and ASK questions.

## How to generate the student registration link

1. On your profile, click the **“Generate Student Registration Link”** button:



2. On the next page, type your school and the class name and click **“Save class & Display link”**.



3. A URL will be displayed on the next page. **Get your students to enter this URL into their web browser**, it will take them to a page where they can create their own account on the site.

*Students can copy this link from the board but it may be easier if you email it to them or save it to any online learning tools or homework planners your class use.*

## Lesson plans

Note - The preparation work (lessons 1 & 2) can be compiled into 1 lesson if needed.

### Lesson 1 – You're the Judges

Generate student registration link before this lesson so you can share it with the students for their homework.

#### Resources

Interactive drag and drop list or printable cards from [mrcfestival2018.imascientist.org.uk/lesson-1-youre-the-judges](http://mrcfestival2018.imascientist.org.uk/lesson-1-youre-the-judges)

#### Starter

Show the zone home page to introduce the class to the activity.

#### Main activity - You're the Judges!

Students have the power to decide who wins this competition!

This activity helps students think about what is important to them in judging the scientists. Note - The criteria are general and don't necessarily relate to specific people in this event.

1. Show the class the criteria list.
2. Ask students to consider which criteria are most important and which are least important to them.
3. Rank the criteria and discuss as a class. Can the class agree on a top 5?

#### Plenary

Are there any other criteria that may be important when judging the scientists?

Take a look at some of the scientists' profiles as a class - how do they fare up against your top judgement criteria?

#### Suggested Homework

Provide students with registration link:

- Students log in at home and set up their profiles.
- Students read at least 2 scientists' profiles.
- Students ASK one question on the site.

## Lesson 2 – Meet the Scientists

*If you have booked a computer room for this lesson, see next page for a student-led lesson with more independent learning.*

**Students will be finding out about the scientists this lesson.**

**There are 25 MRC researchers and support staff on the site, so it may be best to have a look before the lesson and print the profiles of the people you would like to focus on in your subject.**

### Resources

Access to [mrcfestival2018.imascientist.org.uk](http://mrcfestival2018.imascientist.org.uk) and print outs of scientists' profiles

### Starter

**Class discussion (you could show the zone home page as a stimulus here)**

What did the students find out in their homework? Whose profiles did they look at? What do they think of the scientists so far? Have any of your students' questions been answered yet?

Write a list of questions you could ask the scientists to find out more about their work - keep these for the next activity.

### Main activity - Speed dating!

**1. Split students into groups - give each group a printed scientist's profile to read through together.**

- What do they think about this person? What would they like to ask them on the site?

**2. Split each group in half (A's and B's).**

- A's stay where they are as their scientist.

- B's move to another group to 'interview' a different scientist (they can use the questions formed in the starter for this).

**3. Move students on after a few minutes to interview as many scientists as possible.**

### Plenary

**Class discussion (you could show the zone home page as a stimulus here)**

What do they think of the scientists they have "met" today?

### Suggested Homework

**Students log on and ASK at least one question to a scientist.**

## Lesson 2 – Meet the Scientists (IT room)

If you haven't booked a computer room for this lesson, see previous page for a lesson based in a classroom.

Students will be finding out about the scientists this lesson.

There are 25 MRC researchers and support staff on the site, so it may be best to have a look before the lesson and print the profiles of the people you would like to focus on in your subject.

### Resources

Student computers and access to [mrcfestival2018.imascientist.org.uk](http://mrcfestival2018.imascientist.org.uk)

### Starter

Class discussion (you could show the zone home page as a stimulus here)

What did the students find out in their homework? Whose profiles did they look at? What do they think of the scientists so far? Have any of your students' questions been answered yet?

### Main activity - Meet the scientists

**1. Get students logged onto the site individually or in small groups.**

Ask students to read the profiles of at least 3 scientists (you could assign scientists to each student / group). *What do they think about each scientist? What would they like to ask them on the site?*

**2. Class discussion (you could show the zone home page as a stimulus here)**

How does each scientist fare up against your top judgement criteria from lesson 1?

*Which scientist's work do students find most interesting? Who would students VOTE for if they had to choose today?*

**3. Get students to plan 1 or 2 questions then ASK them on the site.**

*Remind students there is a £20 prize for the best student questions so they should take their time thinking about what to post.*

**4. Students can VOTE now – they can change their vote later in the event if they wish.**

### Plenary

Class discussion - What do they think of the scientists they have “met” today?

### Suggested Homework

Students log on and ASK at least one question to a scientist.

## Lesson 3 – Live chat (IT room)

Note - Log in using your teacher account to monitor the chat on screen and download a copy of the chat transcript at the end.

Make sure you have tested the IT before this lesson (see page 1).

### Resources

Student computers and access to [mrcfestival2018.imascientist.org.uk](http://mrcfestival2018.imascientist.org.uk)

### Starter

Class discussion (you could show the zone home page as a stimulus here)

Who is your favourite scientist so far? - Do a show of hands for each person.

Have any of your students' questions been answered?

Write a list of questions you could ask the scientists to find out more about their work - keep these for the live chat.

### Main activity - Meet the scientists

Note - Scientists can't make every chat but students will chat with some of them today.

1. Explain how the live chat works:

- Click the name of the person you'd like to direct your question to (below the typing box) before you start typing. *This makes it easier for the scientist to see your question.*
- Click another person's comment to reply to them.
- Don't be rude, write in capital letters or spam. *If you do, you'll be blocked.*

2. Get students logged onto the site individually or in small groups.

Click CHAT at the top of the page to access the live chat.

If students haven't set up their accounts yet, *generate student registration link* and share it with the class (page 2 of notes).

### Plenary

Post left over questions in ASK and VOTE for the scientist they think should win.

### Suggested Homework

Students continue to log into the site and ASK questions and VOTE until Friday 22nd June. Remind students about the evening chats, 7-8pm on Wednesday 13th, 20th and 27th June.

# Parental Engagement

## Evening chats - students can chat from home with their family

We're running three extra, after-school chats as an opportunity to involve parents and carers in what you are doing in school. It's been really popular in previous events, with students keen to introduce their families and friends to the scientists they have been connecting with in class.

### When?

Wednesday 13th June, 7-8pm

Wednesday 20th June, 7-8pm

Wednesday 27th June, 7-8pm

### How to get students involved

#### 1. Set joining a chat as homework.

This is the best way to get your students online. Suggest they log in with a family member, look at the scientists' profiles together and ask a question in the chat. They just log in as normal and click the CHAT button at the top of the page.

#### 2. Add information to your school newsletter.

Suggested wording:

*Some of our students will be chatting online with medical researchers in their lessons, on the I'm a Scientist website. We are encouraging students to show their parents and carers the site and introduce them to these scientists in the evening live chats, from 7pm-8pm on Wednesday 13th, 20th and 27th June. Parents and carers can meet the scientists and ask them about what it's like working in medical research. If your child is taking part, they will have a login card to access the site. Log in with your child from 7pm and click CHAT .*

#### 3. Photocopy and handout the flyers (next page)

# *Evening chats with scientists*

**7-8pm**

**Wednesday 13<sup>th</sup> June, Wednesday 20<sup>th</sup> June,  
Wednesday 27<sup>th</sup> June**

- Log in at home to chat again with the medical researchers from MRC Festival Zone
- Introduce your family to the scientists!
- Log in using your login card and click on CHAT



**[imascientist.org.uk](http://imascientist.org.uk)**

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**[imascientist.org.uk](http://imascientist.org.uk)**



## After the event

- Please fill in the feedback survey we email you. You are the expert on what happened in your classroom. Your feedback helps us to continuously improve the event.
- Encourage your students to fill in the student survey on their profiles.
- The moderators pick a student winner - someone who has really engaged with the event. They get a certificate and a £20 gift voucher prize. We'll let you know if this is one of your students.

## More MRC Events

*The I'm a Scientist MRC Festival 2018 is supported as part of the MRC Festival of Medical Research 2018.*

As part of the MRC Festival, there are a number of public events taking place near MRC Centres between 14<sup>th</sup> - 24<sup>th</sup> June 2018.

Please encourage your students to attend these events.

Full list of events at: [mrc.ukri.org/about/getting-involved/mrcfestival](http://mrc.ukri.org/about/getting-involved/mrcfestival)

### Help, I'm stuck!

- Try our FAQ page: [mrcfestival2018.imascientist.org.uk/teacher-faqs](http://mrcfestival2018.imascientist.org.uk/teacher-faqs)
- Get in touch via email: [admin@imascientist.org.uk](mailto:admin@imascientist.org.uk)
- Call us if your question is urgent - 01225 326892.