



*Stemettes in their millions*

*STEM related activities, in youth run clubs, providing STEM role models and building a network of young people in STEM.*

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# Teachers Pack

Bring the Stemettes-style experience to the school via a school club. Run at lunchtime or after school, they'll have their own local *Stemette* inspiring the school community and doing a range of STEM activities related to real women in STEM and careers available at our industry partners. Working through a series of Stemillions 'Meal Plans' as a team, the club will work towards points, certificates and prizes as part of nationwide houses.

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## What does a Stemillions session look like?

A Stemillions club is a 30 minute club at either lunch time or after school run by the girls. We will provide them with a 'Meal Plan' which is a set of fun STEM activities focused around a female STEM role model. These activities will allow them to MAKE and EXPLORE different areas of STEM. You will be able to share your creations, knowledge and experience with other clubs to help 'pass it forward' and inspire others into STEM.

Stemillions will allow you to meet like-minded people from within your school and across the world with our MightyNetworks forum. It's a chance to get together, listen to music, eat some snacks and have fun doing STEM!

Each club will belong to one of four houses and compete together for points, opportunities and unique prizes that will build on your Perception, Awareness, Network, Confidence and Knowledge in STEM.

## Who runs Stemillions?

The answer is ... the girls! This club has been designed specifically for young women to run and their friends (of all genders) attend, with the help and support of Stemettes HQ.

## Meal Plans (Activity Packs) and how they work

Every Monday, the Chief Stemette Officer (club lead) will receive a Meal Plan focusing on a woman in STEM.

After joining Stemillions, the first two weeks will be 'Treat Weeks'. They will be able to watch the new Stemettes documentary; 'Eat, Sleep, Stem, Repeat.' The following weeks will then be 'Meet her' Meal Plans.

At the end of each Meal Plan the girls will be able to show off their creations by uploading it to [MightyNetworks](#) and earning points for their club and house.

## Points

### What will I gain through completing the meal plans?

Through the Meal Plans, the girls will have the chance to improve perception, awareness, network, confidence and knowledge of STEM activities, careers and general skills.

### How do I gain points though?

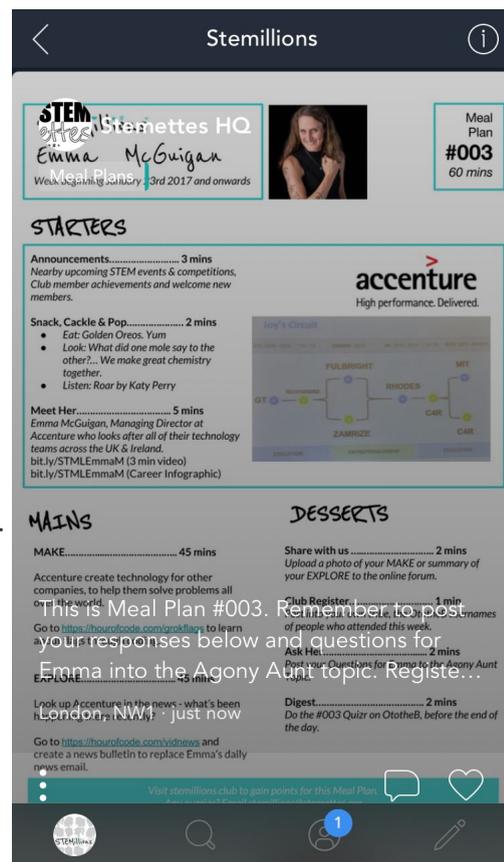
To make sure they collect points for their club and house, a Digest needs to be completed at the end of each club. The Digest is in the Stemettes app, [OtotheB](#), or on [MightyNetworks](#), at the end of each club.

Teamwork is vital to complete the Stemillions tasks and needs to be demonstrated in every Meal Plan. As evidence is submitted each week, Stemettes HQ will update the leaderboard and the Chief Stemillions Officer will be able to check where the club is placed!

## Houses

Once they've filled out the registration survey, they will be 'magically' sorted into a house!

Sharman House - named after Helen Sharman



- Shirley House - named after Stephanie "Steve" Shirley
- Aderin-Pocock House - named after Margaret Ebunoluwa "Maggie" Aderin-Pocock
- Mirzakhani House - named after Maryam Mirzakhani

The Houses give the Chief Stemillions Officer an extended network to work with and which can help each other. Collaboration with individual tasks will ultimately enable them to gain more points. The House with the most points from its' clubs at the end of the year will win the (virtual) House cup.

Which **STEMillions<sup>+</sup>** house will you belong to?



**Aderin-Pocock House**

**DR MAGGIE ADERIN-POCOCK MBE**

**Known for:** Presenting the Sky at Night on BBC and being an all round top space person.



**Mirzakhani House**

**MARYAM MIRZAKHANI**

**Known for:** Winning the Fields Medal in Mathematics (Equivalent to Noble Prize) - the first woman ever to do so.



**Sharman House**

**DR HELEN SHARMAN OBE**

**Known for:** Being the first Britain in Space, even before that guy



**Shirley House**

**DAME STEPHANIE "STEVE" SHIRLEY DBE**

**Known for:** Running a tech business in the 1960s that built stock control software and the flight recorder for Concorde

*Find out from our Sorting Hat when you create your club!*  
[stemettes.org/stemillions](http://stemettes.org/stemillions)

## Club Structure

The Club is a team and so should make decisions by consensus, taking votes where necessary. There are two roles required per Club. Everyone in the club is equally valuable to the Club's success.

- Chief Stemillions Officer (CSO)- one club member to read the Meal Plan before the session and lead the club in following the Meal Plan.
- Chief Data Officer - one club member to take the register each week (and the OtotheB usernames of those in attendance) and submit any items to Stemettes HQ as per the Meal Plan 'Dessert' section.

A club consists of at least 2 people at the start, which should at least double each term up to a maximum of 16 people per club. An additional club can be requested if more than 16 wish to participate.

## Awards

In addition to the annual House Cup there will be awards for the Club with the most points at the end of each term and again at the end of the academic year. This club will receive a special set of certificates and a unique prize from one of our industry partners. Chief Stemillions Officers also get shoutouts in our main newsletter and an invite to our exclusive end of term event.

## Club Prerequisites

The club will need the following:

- Access to a space for meeting, which has
  - Wi-Fi/Internet Access
  - a Screen
  - Audio capabilities
  - Eating is permitted
  - Pens & Paper
- A weekly regular slot of at least 30 minutes, during lunchtime or afterschool
- Access to the [OtotheB](#) app
- Access to the [MightyNetworks](#) app or web platform at [mightynetworks.com](#)
- A designated club lead who is a young person (aged 21 or below), 'Chief Stemillions Officer'

The below infographic outlines this for prospective club leaders/Chief Stemillions Officers.

Everything you need to know about running your own **STEMillions** club.

### Why?

- Leadership role opportunity
- Exposure to real industry role models, career options on a regular basis
- Grow your own STEM community to boost your confidence and the confidence of others
- Opportunities to connect with industry people near you
- Food & fun & STEM regularly
- *The Stemettes Life is bae*

### What? you'll need

- A regular weekly slot of at least 30 mins, during lunchtime or after school
- Somewhere to meet that has wifi, access to pens/paper, and that you can eat in/play audio
- The support of a teacher or responsible adult (we can help you with this)
- The OtotheB app & an OtotheB username
- Access to [mightynetworks.com](#) or the app at school/club venue

### What? you'll get

- Weekly "Meal Plans" activity packs with role model videos
- Stemettes merchandise for your club
- A live 'Agony Aunt' session with industry
- End of year certificates of participation for club members
- Exclusives from Stemettes HQ
- Termly and yearly prizes
- (In remote areas, a club mentor)

### How?

- Sign up to run a club and our sorting hat puts you in a house
- Get club resources from our online platform
- Post responses into the platform, for points
- Grow your club, and send us a weekly register of attendees
- End of term house points turn into prizes
- You contribute to a growing community & network of millions of young STEM people.
- The world is a better place because of you. We do it all again next term.

# What Next?

Sign up is via [stemettes.org/stemillions](http://stemettes.org/stemillions) and will need to be done by the proposed club leader/Chief Stemillions Officer. They'll answer questions about the prerequisites and a few sorting hat questions. After that they'll be invited to join our [MightyNetworks](#) community and start running the club using resources online.

Once the club joins, they'll have two weeks of our Intro Treat Weeks before joining the rest of the community in Week 3. We've put the sample 2017 Spring Term Timetable below.

STEMillions <sup>+</sup>		Spring Term 2017: Meal Schedule
	For pilot schools beginning 3rd Jan	For GirlsInSTEM schools beginning 20th Feb
Week 1 Jan 3rd	Treat Week: Documentary Part 1	These schools will be invited to join a special 'Hour of Code' trial week. Any that decline can start again after half-term.
Week 2 Jan 9th	Treat Week: Documentary Part 2	
Week 3 Jan 16th	Meal Plan 002: Marina Johnson (Maths)	Each school will be allocated by <i>sorting hat</i> to one of our 4 houses: <ul style="list-style-type: none"> <li>- <b>Aderin-Pocock</b> Named after Dr Maggie Aderin-Pocock MBE</li> <li>- <b>Shirley</b> Named after Dame Stephanie Shirley DBE</li> <li>- <b>Mirzakhani</b> Named after Fields Medal holder Maryam Mirzakhani</li> <li>- <b>Sharman</b> Named after Dr Helen Sharman OBE</li> </ul>
Week 4 Jan 23rd	Meal Plan 003: Clare Eluka (Science)	
Week 5 Jan 30th	Meal Plan 004: Tania Wild (Engineering)	
Week 6 Feb 6th	Meal Plan 005: Alicia Navarro (Technology, Female Founder)	
<b>HALF TERM - Special programme for club leads</b>		
Week 7 Feb 20th	Meal Plan 006: Diana Terry (Technology)	Treat Week: Documentary Part 1
Week 8 Feb 27th	Meal Plan 007: Sophie Williams (Science)	Treat Week: Documentary Part 2
Week 9 Mar 6th	Treat Week: Agony Aunt (Live Sessions with partners)	
Week 10 Mar 20th	Treat Week: Assembly time // Your House	
Week 11 Mar 27th	Meal Plan 008: Stacey Driver (Engineering, Female Founder)	
Week 12 Apr 3rd	Meal Plan 009: Eugenie von Tunzelmann (Maths, Technology)	

Looking forward to seeing your new Stemillions club soon!