



Stemettes in their millions

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

Teachers Pack

Bring the Stemettes-style experience to your school via a school club run by young women. Run at lunchtime or afterschool, you'll have your own local *Stemettes* inspiring the school community and doing a range of STEM activities related to real women in STEM and careers available at our industry partners.

[What does a Stemillions session look like?](#)

[Who Runs Stemillions?](#)

[Meal Plans and how they work](#)

[Points](#)

[Club Structure](#)

What does a Stemillions session look like?

Each session will last 30 minutes and feature a female STEM role model, some exploration or making and a curation of relevant opportunities. Club members will be able to share stories, knowledge and their Stemettes lives with others to help 'pass it forward' and inspire others into STEM. This will allow them to grow an interconnected network of young people in STEM across the UK, Ireland and further afield.

Club Prerequisites

The club will need the following:

- A designated club lead who is a young person aged 13-25
- Access to the Stemettes Society (either on a phone or on the web)
- 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
- The support of a responsible adult, who can supervise in case of emergency

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 TeamStemettes.

Meal Plans and how they work

Meal Plans are the weekly activity packs. Once the club lead is logged in to the Stemettes Society, she will be added to the first cohort of Stemillions. Here she will have access to the first set of 10 Meal Plans. The clubs can work through these Meal Plans at their own pace. At the end of each Meal Plan, the club lead needs to complete the Digest (feedback form). Once a Meal Plan is completed, the club lead needs to click the 'Complete' button in the Stemettes Society to unlock the next Meal Plan. TeamStemettes can track the progress of the club.

STARTERS:

Start by celebrating any club member achievements

Load up the Stemillions playlist and have a snack and a bit of a laugh with your club

Get to know the role model; read out the bio we have written and then play the video

After the video, take a couple of minutes to talk about it as a club and try to answer our questions

STEMillions
Zaha Hadid DBE
Meal Plan #046
30 mins
First released Summer Term 2018

Starters 5-10 mins
1 min
Celebrate club member achievements.
Snack: Cackle & Pop
Snack: A Pop - yummy
Cackle

Mains 20 mins - choose ONE only
20 mins
MAKE: Transforming Maths Stars. Zaha's designs use maths & art skills to create unusual shapes. Follow the steps below to create your own shapes:
★ Fold a piece of paper in half vertically. Bring the bottom-left corner to the right edge.
★ Open paper and fold the top 2 corners into middle of the paper.
★ Fold the paper in half. Push the center of the bottom edge up. The creases you made on step 2 will collapse between the sides. This should form a parallelogram. Repeat 5 times.
★ Insert 1 parallelogram into the pocket of another & fold down the tips of the 1st inside the pocket of the 2nd. Insert 3rd parallelogram into the pocket of the 2nd & carry on.
★ Slip the pocket of the 7th parallelogram around the point of the 1st. Put the pocket of the 8th around the point of the 7th. The pocket of the 8th will be in the pocket of the 6th. Fold all the tips down. Done. WWT?
How many different shapes can you make with the paper?
EXPLORE: How many different shapes can you make with the paper?
20 mins
Hadid has designed many amazing buildings across the globe throughout her life, create a poster about one of the amazing buildings she has created. A great place to start if you are not sure which one to choose: <https://www.youtube.com/watch?v=UjG5G5G5G5>

Desserts 5 mins
1 min
Share with us
Upload photos on Twitter or Instagram and tag @Stemillions and #Stemillions.
5 mins
Get a question? Ask Away!
Digest this Meal Plan <https://www.stemillions.co.uk/meal-plans>

MAINS:

Choose between 2 activities...

MAKE: follow instructions and get creative

EXPLORE: discover more about the role models STEM career

DESSERTS:

Share photos of your club with us

If any club members have questions, they can ask our industry experts

Digest the Meal Plan by telling us how it went

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. Remember everyone in the club is equally valuable to the club's success and something that is "wrong" at first glance can lead to new ways of looking at things.

- Chief Stemillions Officer- you will need one club member to read the Meal Plan before the session and lead the club through the Meal Plan.
- Chief Data Officer - you will need one club member to take the register each week and submit any items to TeamStemette for the 'Dessert' section.

A club consists of a minimum of 2 people at the start, which should at least double each term up to a maximum of 16 people per club. Your school may request an additional club if more than 16 wish to participate.

Recognition

When a club completes a cohort of Meal Plans, the club will receive certificates and Stemettes swag for their efforts. We will also share the clubs success across our social media.

What Next?

Sign up is via our Stemette Society. The Stemette Society is a closed social network for for girls and non-binary students aged 13-25 with a keen interest in STEM. The Stemette Society is an opportunity to connect with like-minded young women in a safe & moderated online space. You can find out more about the Stemette Society and apply at bit.ly/StemetteSociety.