

# STEMillions<sup>+</sup>



Department for Transport

## Claudia Hill

First released Summer Term 2020

gliding.co.uk



Meal Plan  
**#DFT3**  
30 mins

### Starters 5-10 mins

**Snack, Cackle & Pop**..... 2 mins

**Snack:** Candy Kittens, yummy

**Cackle:**



**Engineer**

MEME



**Engifar**

**Pop:** Stemillions Playlist on Spotify

[bit.ly/stemillionsplaylist](https://bit.ly/stemillionsplaylist)

**Meet Them**..... 5 mins

Claudia is the UK's highest ranked female glider pilot & achieved a top 10 finish in the last 2 World Championships. She started gliding at university & got into cross country & competition flying after moving to the UK. Claudia achieved a place in the top 10 in both Women's World Gliding Championships she's competed in.

**Discuss:**

- ★ What do you think of Claudia's job?
- ★ How fast do you think a glider can fly?
- ★ How long can a glider can stay in the air?
  - [Click here for the answers.](#)

### Desserts 5 mins

**Share with us** ..... 1 min

Upload photos on Twitter or Instagram and tag @Stemettes and #Stemillions.

**Ask Them**..... 2 mins

Got a question? Ask Away! [bit.ly/Ask-Away](https://bit.ly/Ask-Away)

**Digest**..... 2 mins

Digest this Meal Plan: [bit.ly/backpackdigest](https://bit.ly/backpackdigest)

### Mains 20 mins - choose ONE only

**MAKE**..... 20 mins

**Ingredients:** straw, tape, A4 paper, blue-tack.

Claudia is a glider pilot. Let's make mini gliders.

1. Measure and cut a strip of paper that is 2.5cm wide, and 13cm long.
2. Measure and cut another strip of paper which is 2.5cm wide and 25.5cm long.
3. Make a loop out of each strip of paper. Overlap the ends with enough room to squeeze a straw through. Tape the ends.
4. Push your straw through the pockets in your loops, so you have one loop at either end of your straw.
5. Time to launch your glider. Aim your glider with the smaller loop at the front, and give it a gentle, but flat throw.

How can we improve the flight of your glider?

- ★ What happens if you move the loops closer together?
- ★ What if you change the order of the rings?
- ★ What if you added some weight to your glider with some blu tack?

**EXPLORE**..... 20 mins

**Ingredients** computers, A3 paper, colouring pencils, pens.

You have explored the careers of 3 different women from the Department of Transport. Make a poster about these 3 women. Try to include:

- ★ Who are they?
- ★ What do they do?
- ★ What do you like about this role models job?

You can either design this poster on A3 paper, or use computers to create a poster about them.

Take these into school, to make a wall display for these role models so everyone can name more women in STEM.