

STEMillions⁺

Sheila Scott OBE

First released for STEM Mode In

Today in History



Meal Plan
DFT
30 mins

Starters 5-10 mins

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

Snack: grab a snack before you begin!

Cackle:

Aviation Humor



Pop: Stemillions playlist on Spotify:

bit.ly/stemillionsplaylist

Meet Her..... 5 mins

Sheila Scott OBE, was an English aviator who broke over 100 aviation records through her long distance flight endeavours. On a 34000-mile "world and a half", she became the first person to fly over the North Pole in a small aircraft.

Watch: [Watch Sheila arrive back from her round the world trip in 1966](#)

Discuss:

- ★ How cool is Sheila Scott?
- ★ If you could fly anywhere, where would you fly to?
- ★ Can you name any other women in aviation?

Desserts 5 min

Share with us 1 min

Upload photos on [Twitter](#) or [Instagram](#) and tag @Stemettes and #Stemillions.

Mains 20 mins - choose ONE only

MAKE..... 20 mins

You will need: A4 paper, internet access.

Sheila made so many record breaking trips in planes, but what makes a good plane? In this activity you will experiment with different plane designs to see which is best. Take a look at [this website](#) and choose one plane design and follow the instructions to make this plane. Then try to fly your plane.

- ★ How could you improve your plane to make it fly further?

Adjust your plane and make a prediction of how far it will fly this time. Keep modifying your plane to make it fly as far as possible.

- ★ Try out some other plane designs and see if you can improve them.

EXPLORE..... 20 mins

You will need: A4 paper, computer, colouring pencils, pens.

Sheila is a STEMazing woman in aviation, how many other women in aviation do you know? Create a poster of another woman in aviation to help other people recognise other female pilots. Try to include:

- ★ Where in the world they are?
- ★ Are they still alive?
- ★ What did they do?
- ★ Why are they awesome?

We love to see what you've created. Send photos of your poster to us: team@stemettes.org

Ask Them..... 2 mins

Got a question? Ask Away! bit.ly/Ask-Away

Digest..... 2 mins

Digest this Meal Plan - [complete this form.](#)