



Starters 5-10 mins

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

Snack: Before we begin, grab a snack!

Cackle:



Pop: Stemillions playlist on Spotify:

bit.ly/stemillionsplaylist

Meet Her..... 5 mins

I'm Dr Jen Gupta, an astrophysics science communicator at the University of Portsmouth who loves to talk about how awesome space is with anyone who will listen! I also work as a science presenter and you can hear me on the BBC Radio 4 series 'Stranger Than Sci-Fi'.

Watch: [Find out more about Dr. Jen](#) (stop at 3:00)

Discuss..... 3 mins

- ★ What is a constellation?
- ★ Dr Jen gets to interview cool people all the time - if you could interview someone who would you interview?

Mains 20 mins - choose ONE only

MAKE..... 20 mins

Ingredients: cardboard, sticky tape, pencil, string/thread, bead/tin foil/sticky tack.

There are 88 constellations, [choose one of these constellation for this activity...](#)

- ★ Research the main stars that make up that constellation. What type of stars are they?
- ★ On a piece of cardboard, mark out the placement of the main stars and label them.
- ★ Use a sharp pencil to poke a small hole through the cardboard to mark each star.
- ★ Thread a piece of string/thread through each hole and tape in place on the back.
- ★ Attach blue tac/tin foil/bead to the end of the thread to act as a star. Try to make sure you make the biggest star in the constellation, the biggest bead/tin foil ball. [Take a look at the size of stars here.](#)

Hang your constellations from the ceiling so you can see the night sky in your classroom.

EXPLORE..... 20 mins

Ingredients: pen, paper, recording device (optional).

Dr Jen is a science presenter on 'Stranger Than Sci-Fi' ([listen to an episode here](#) - maybe don't listen to it all!). Create your own mini radio episode. Choose a book, TV show or film that you love, and create a short episode talking about what STEM topics or people are in it.

Desserts 5 mins

Share with us 1 min

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

Ask Away..... 2 mins

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

Digest..... 2 mins

Digest this Meal Plan - fill out the feedback form.