



Amanda Obidike

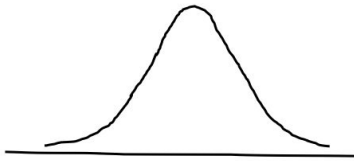
First released for Outbox 2020

Starters 5-10 mins

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

Snack: Before we begin, grab a snack!

Cackle:



Normal Distribution



Paranormal Distribution

Pinterest

Pop: Stemillions playlist on Spotify:

bit.ly/stemillionsplaylist

Meet Her..... 5 mins

Amanda is a Data Scientist and she is the Founder of STEMi Makers Africa. The STEM and Innovation Makers of Africa is a not-for-profit Organization that focuses on preparing young Africans with the right resource tools & professional development to embrace STEM pathways.

Watch: [Meet Amanda here](#)

Discuss..... 3 mins

- ★ What do you think Data Science is?
- ★ What do you think of Amanda's job?

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.

Mains 20 mins - choose ONE only

MAKE..... 20 mins

Ingredients: pen, ruler, colouring pencils, plain paper.

Amanda has to deal with a lot of data. In this activity you'll collect data and then analyse it. First of all you need to ask people questions to get the data. So ask as many people as possible the following questions:

- ★ What is your favourite colour? Yellow, Red, Green, Orange, Purple, or Blue.
- ★ What is your favourite fruit? Apple, Orange, Banana, Pear, Strawberry or Kiwi.
- ★ What is your favourite subject? Science, Technology, Maths, Art or Engineering.

Record everyone's answers and add up all the scores.

Now make a bar chart for each question. Along the bottom of your paper, draw a line and write all the answers along it. Now look at your answers, find the biggest score. Draw a line going up the page and write 0 at the bottom and the biggest score at the top. Above each answer, draw a line to show the score and colour in the space underneath. [Here is a video explaining how to make a bar chart if you're stuck.](#)

EXPLORE..... 20 mins

Ingredients: laptop/computer or pens, colouring pencils, plain paper, internet access.

Amanda is working to prepare young adults from Africa for their future STEM careers. Create a poster or presentation of women in STEM from Africa to help inspire the young adults Amanda works with. You'll first of all have to research some women in STEM from Africa. [This link here might help you get started.](#)

Try to include:

- ★ What is their job?
- ★ Where in Africa are they from?
- ★ Why you think they are a great role model.

Before the end of the session, try to show your creations to everyone else.