

Laura Hoang

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Twitter



Meal Plan
#099
 60 mins

Starters 5-10 mins

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

Snack: we ♥ food, grab a snack before beginning!

Cackle:



Pop: Stemillions playlist on Spotify:

bit.ly/stemillionsplaylist

Meet Her..... 5 mins

Discuss:

- ★ What do you think of Laura's job?
- ★ If you could ask Laura any questions about her job, what would you ask her?

Desserts 5 min

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

Digest..... 2 mins

Digest this Meal Plan - fill out the feedback form.

Mains 20 mins - choose ONE only

MAKE..... 20 mins

Ingredients: Paper/ card, a ruler, pencil, scissors, timer, paper clips

Laura works with a variety of aircrafts, in this activity we will look at how helicopters fly and engineer some improvements.

1. Cut out a piece of paper or card that has dimensions of around 2 cm by 20 cm.
2. Fold the piece of paper in half before bending over the ends to form a T shape.
3. Attach a paper clip to the bottom of the paper helicopter so it keeps its form while falling to the ground.
4. Drop it from above your head or while standing on a chair (be careful) and it should spiral to the ground.
5. If you made a good helicopter then the blades should spin quickly, this creates lift and allows the helicopter to fall to the ground slowly.

Try making paper helicopters with slight variations to see how this affects the speed at which the blades spin, how can we make it stay in the air longer?

- ★ Make the blades shorter/longer
- ★ Add more/less weight to the centre point

EXPLORE..... 20 mins

Ingredients: Pens and paper or computer/laptop.

An integration engineer often plans, designs and implements new processes for a product. As Laura works with aircrafts, in this activity you will design an aircraft of the future. Think about what your aircraft might look like, how can we make it more environmentally friendly and what new technology can we include to make this airplane the best one yet.