

Marielle Thillet

First released Summer Term 2018

Meal Plan
#047
30 mins

Starters 10 mins

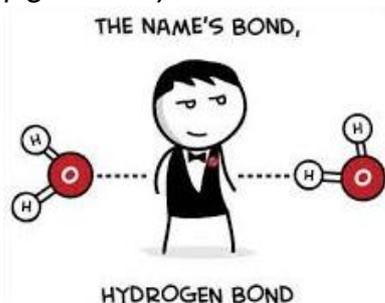
Announcements..... 3 mins

STEM events/competitions (check OtotheB), share achievements and welcome new members.

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

Snack: Percy pigs. Yummy

Cackle:



Meet Her..... 5 mins

Marielle Thillet is the Senior Environmental Coordinator at Deep Panuke, a natural gas field located offshore Nova Scotia. In her role, she is an integral part of the Deep Panuke team charged with monitoring environmental performance both offshore and onshore at pipeline landfall in Guysborough County.

Watch..... 2 mins

[Meet Marielle in this video](#)

Discuss..... 3 mins

- ★ Marielle works in Nova Scotia - if you could work - anywhere where would it be?
- ★ What do you think is the best bit about

Marielle's job?

Desserts 5 - 10 mins

Share with us 2 mins

Upload photos of your MAKE or EXPLORE to the MightyNetworks or tweet/instagram.

Mains 15 mins - choose ONE only

MAKE..... 15 mins

In pairs or three's, mark a cardboard box with 1cm grid. Fill a small balloon with water and put it in the box and fasten the lid with masking tape. Swap your box with another group. You will now model the method used by geologists to find oil wells for drilling. Tap on the box and listen for an area that sounds different. Use the graph paper to record the locations of areas that sound different and seem like good candidates for oil exploration. Mark out where you think the oil well/ balloon is. When you're done, choose the best place to drill into your oil. Probe with a skewer or sharp pencil to see if you correctly identified where the oil reservoir is.

[More detailed explanation can be found here](#)

Post photos of your experiments on MightyNetworks or Twitter and tag @Stemettes.

EXPLORE..... 15 mins

Debate time: the UK government has decided to build a new oil drilling site next to your school! Split your club in half; half of your club will argue **for** building an oil drilling site, the other half will argue **against** it. Give your club 5 minutes to do a bit of research before the debate, then debate the question: Should oil drilling be allowed next to our school?

Get your supervising teacher to choose a winner at the end of the debate.

Ask Her..... 2 mins

Post any questions to the Agony Aunt Topic in MightyNetworks.

Digest..... 2 mins

Do #03_ Digest on MightyNetworks or bit.ly/digest03_