

SOYBEANS IN SPACE! Photosynthesis on the ISS

Presented by Michelle Rahn 6th-8th Grade Science teacher in Claremore

Tuesday July 28 Session 2 AM 10:00-10:50
MIDDLE SCHOOL FOCUS

SOYBEANS IN SPACE! Photosynthesis on the ISS: Come explore space with us and learn innovative teaching practices in STEM. We will be learning through several investigations how NASA is testing different plants in space which will be critical for keeping astronauts healthy on long-duration missions. Because of its versatile properties, the soybean may be the next plant to be launched to the ISS! Be ready to be engaged in authentic learning opportunities that include many engineering challenges and digging deeper into the changes of the 2020 Oklahoma Science Standards that include the role of photosynthesis in the cycling of matter.

Here is the link to the Zoom webinar session from the July 28 Morning Session 10:00-10:50 AM:

<https://youtu.be/2lbhLPr7-RY>

Here is the link to Michelle's powerpoint presentation:

<https://docs.google.com/presentation/u/1/d/1d0tbp1dTgwX30BBwwNfuAfGrYHAgv3W02QyUqJkL3U/copy>

Here is the link to the AITC Engineering Process posters/student worksheets:

https://www.agclassroom.org/ok/resources_classroom/engineering.php

Here is the link for the google file with Michelle's handouts:

<https://drive.google.com/drive/folders/10UImkjsdiAkCYlOKiOu3PhkCKvrBlHm?usp=sharing>