Week 1: Grades 6-8

**MINDS-ON MONDAY**
Explore digital interactives that get you thinking

**TUNDRA TUESDAY**
Learn more about polar bears, the arctic, and how you can help protect our environment

**WHELMERS’ WEDNESDAY**
Get hands-on as you engage in the scientific thinking process

**THURZDAY SKILLZ DAY**
Apply your thinking skills to real-world questions

**FIELD TRIP FRIDAY**
Go on virtual field trips to amazing destinations

**WEEKEND CHALLENGE**
Define a problem that can be solved through a digital innovation in the areas of Health, Our Planet, or Education and have a chance to win up to a $10,000 scholarship.

TCS’ IGNITE INNOVATION CHALLENGE
Minds-On Monday
Learn about biomimicry and innovation with this digital exploration.

TGR EDU: Explore
Tundra Tuesday
The Sea Bear

Polar bears are superbly adapted for life in the Arctic. They are a vital part of this vulnerable ecosystem and a charismatic symbol of the North.

Explore this interactive story about polar bears.
Whelmers’ Wednesday
Sandwich-Bag Dart Board

Be whelmed! Capture your curiosity and engage in the scientific thinking process with sharp pencils and water-filled sandwich bags to demonstrate the nature of certain polymers.

Young Scientist Lab

What you need:
- several pint- or quart-size sealable plastic storage bags
- several sharpened pencils
- tap water
- sink or spill pan

For more Whelmers check out the Young Scientist Lab.
ThurZday SkillZ Day
We live in a time when we have more data available to us than ever before. But you might not realize that data surrounds you all the time! How does data impact your life?

Check out this self-paced module to learn about how data is everywhere!
Field Trip Friday
Before you watch the virtual field trip, take a moment to think about each of these four images from the trip you’ll be taking.

What is this?  
What do you see?  
What does this do?  
What is being created?
Polar bears are superbly adapted for life in the Arctic. They are a vital part of this vulnerable ecosystem and a charismatic symbol of the North. Take an interactive journey through the story of the polar bear. techfortomorrow.com/virtual-field-trip

The Sea Bear

After you’re back, be prepared to tell us more about the four images you just saw.
Enjoy the trip!

TECH for Tomorrow
Can you summarize what you learned while also explaining what is happening in each of the pictures below?