

Grades
9-12



TECHNOLOGY SCAVENGER HUNT

Chaperones: Use this Scavenger Hunt to guide your students through the exhibition areas. For many of the questions there is no one right answer, so encourage your students to think creatively and report back to you with their results. As you explore, think about using the following process skills: observation, prediction, inference, hypothesizing, planning, and investigating.



Observe all means of transportation in 1898. List all the advantages and disadvantages of each. Consider effects on the environment, human health and time. Are there any other things that are effected?

Observe how transportation has changed in 1962. How have these changes impacted society? Are there new technologies associated with transportation today? How have the impacts upon society changed.

Identify a new technology in 1962. Why is it an improvement on an older version. What are some of the challenges it still faces? What scientific knowledge has been developed since 1962 to improve this technology?

Make note of at least three different technologies in Progress 1898. Predict what these technologies will become in 1962. Were your predictions correct? What are today's versions of these technologies? Where do you think these technologies will go next?

Take a look at the items on the shelves in 1898 and 1962. What were the driving forces behind the changes you observed?

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Identify a new technology in 1962. How might people from different socio-economic back grounds view it? How about different ethnic groups? Different religions? Are there people in your group that view this technology different than you? What are the differences?



Take a walk through the Freedom Space Station. What are some of the technologies there that make living in space possible? What technologies located in the Space Station have been adapted for use on earth?

Look at the images of rocketry through the ages. What are some changes that have been made since the early stages of space exploration to the present? Identify a few important changes and explain how those changes have made impacts on the entire space program.



Visit the DSB Poseidon. This research habitat shows you what it might be like to live several hundred feet underwater. Here you'll find the yellow sub, SAM suit and Nautilus submersible. Pick one, and describe some of the features of it that would keep you safe several hundred feet under water. Next, describe some of its limitations. What would you do to improve upon this model?

What are some other examples of technology around COSI?