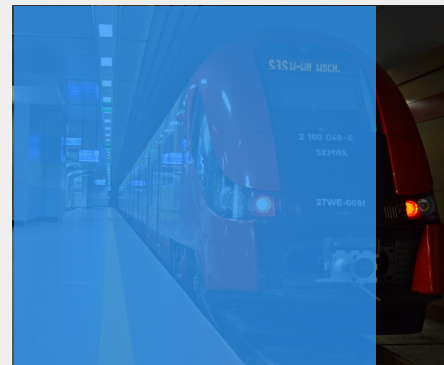


Aii Virtual Classroom

Grades 5-8

Are you ready to tackle the world's biggest challenges and make a difference? Equipped with the right knowledge and skills, there is nothing students can't do! Get started today learning all you need to know about technology, innovation, public policy, and infrastructure!



#LearnWithAii



Scavenger Hunt



Aii educates to encourage future leaders and innovators. This lesson will encourage kids to learn about things they see around them.

Time: 1 hour

Materials: Computer, notebook, pencil

Action: Read the lesson and begin!

Introduction:

Aii invites you to participate in our website scavenger hunt! Be sure to explore every page under the “Issues” tab on Aii.org in order to learn about some of the biggest challenges and most innovative solutions in America and around the world. When you are finished, share what you have learned with your teacher, parents, and friends. Good luck!

How many miles of rail are there in America? How many miles of road?

What are Innovation and Infrastructure Resiliency the solutions to?

What does PHMSA stand for and which issue is it tied to?

What is performance regulation?

Before digging, it is important to call 811! This one-call center helps somebody who is about to dig determine the pipelines, cables, and wires buried below them so they do not strike them on accident. Which U.S. state developed the One Call Application?



PRINT THIS PAGE: Using a pen or pencil, connect each word or phrase in the left box with the correct corresponding word or phrase in the right box.

Climate and
Conservation Solutions

Miles of underground
utilities in America

Dollars of property
damage from 1998-
2018

Performance
Regulation

Failure to invest in U.S.
infrastructure could
cost

Number of structurally
deficient bridges in
2019

Metric tons of
greenhouse gas
emissions reduced
since 2007

\$1 trillion in business
sales and 3.5 million
jobs each year

46, 154

20 million

Innovation and
Infrastructure
Resiliency

500 million

\$2 billion

Sets standards for the
outcome of technology
rather than the process