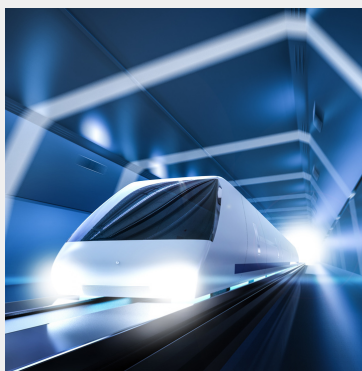
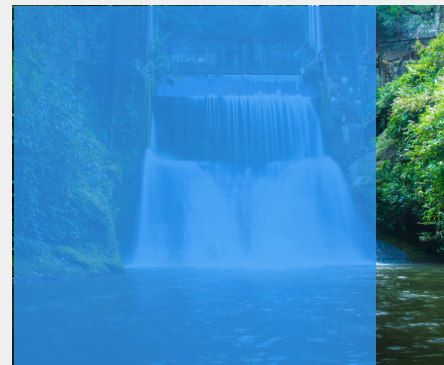


## Aii Virtual Classroom

# Grades 9-12

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



# Identifying Damage



Aii educates to encourage future leaders and innovators. This lesson will encourage high school students to learn about what needs to be improved upon in their hometown or city and the state they live in.

**Time:** 2 hours

**Materials:** Bike or car, camera or smart phone, notebook or computer

**Action:** Explore where you live!

**Step 1:** Walk, bike, or drive to some areas of your hometown and keep a lookout for where roads, bridges, or other infrastructure show signs of damage

**Step 2:** Using a camera or smart phone, take a picture of the **damage** you find

**Step 3:** Write down the location of the areas you discover damage unless your photos keep a geotag of where they're taken

**Step 4:** Look up the main fix you believe is needed: is it money or road repairs? Is it climate change resiliency features? Is it new building materials or innovative techniques? Try to identify at **least two**.

**Step 5:** Identify your local and state government bodies responsible for roads and bridges. Write a letter to the person you find that can make a difference and include the photographs and your proposed solutions!

