3rd – 5th Grade Category

SILVER AWARD





Addison Hirst

Christa Randolph





Elina Smith Catalea Rucker-Cruz

"Forest Finder Map And App"

School: Oakwood Intermediate

Teacher: Sarah Lema and Anna Havemant

Matt McPhail

Mentors:

Siddharth Chandrashekar





Design Concept:

Our Forest Finder map and app is an improvement from the 2D maps currently in the National Parks. It supports those with disabilities such as visual and hearing impairments. The app also will allow users to report if there are any hazards on the trails.



NATURAL DESIGN Wood-like appearance and design to help the signs blend in with the

rest of the forest

SOLAR PANELS

STATE:

Sustainable, efficient energy and protection of signage from the rain

National

88.0

SPEAKERS

Audible instructions that provide greater accessibility to trail guides for those who are blind

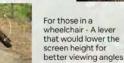






INCREASED ACCESSIBILITY FOR THE DISABLED

For the blind - Instructions in braille asking them to press the button below which would activate the speakers for audible guidance











EMERGENCY SERVICES

IDENTIFYING WILDLIFE



