The Problem Solving with Will and Orv curriculum will include the development of:

- 100 Curriculum binders distributed to the most underserved area classrooms through a partnership with Crayons to Classrooms (a free store for teachers from under-funded PreK-12 schools that serve students living in poverty.)
- Digital Studios and Interactives for PBS Learning Media
- A Discovering Flight PBS KIDS engagement page
- NAHF and PBS/ThinkTV Coordinated Social Media Campaign
- An interactive website to host content and engage young learners

Problem Solving with Will and Orv is designed to let students learn by doing. An array of hands-on activities encourages students to build, fly, and conduct experiments with kites, soda-straw gliders, rubber-band-powered balsa planes, and more. It challenges them to not only take on a task or experiment but then also reflect on the results of their actions. Interactive games for individual and group play and short video segments for PBS learning media help solidify learning by providing fun and necessary repetition. The curriculum will also incorporate activities and lessons that support student’s social-emotional growth by helping them learn to understand and manage emotions, set goals, show relationships, and make responsible decisions.

In addition to science, the curriculum provides lessons and activities in language arts, mathematics, and social studies. Journal writing, short story assignments, and comic book development projects are suggested as a means for students to bring the Wright Brothers’ achievement to life and to use resources found at the NAHF. Every segment will encourage students to take a closer look at the life, legacy, and impact of famous pilots, inventors, and aerospace pioneers.

A coordinated social media campaign will support learning and increase visibility. The campaign will spotlight a NAHF Enshrinee each week via coordinated NAHF and PBS online curricular assets. Advancement of Problem Solving with Will and Orv is underway with a planned launch this summer in time to support teachers for the 2021-2022 school year. The NAHF is now developing plans to expand the program for grades 4-6.

Our Partner - PBS
PBS is a membership organization that, in partnership with its member stations, serves the American public with programming and services of the highest quality, using media to educate, inspire, entertain, and express a diversity of perspectives. PBS empowers individuals to achieve their potential and strengthen the social, democratic, and cultural health of the U.S. PBS offers programming that expands the minds of children, documentaries that open new worlds, non-commercialized news programs that keep citizens informed on world events and cultures and programs that expose America to the worlds of music, theater, dance and art. It is a multi-platform media organization that serves Americans through television, mobile and connected devices, the web, in the classroom, and more.

Our Partner - Public Media Connect (PBS/ThinkTV)
Public Media Connect is the regional partnership of CET in Cincinnati and ThinkTV in Dayton that was formed in 2008. Comprised of three Community licensed Public Television stations (WPTD, WPTO and WCET) offering 13 channels, Public Media Connect continues to pursue a local distinctive educational, cultural, and informational mission in both communities. That mission, “to inspire and inform, educate and engage, fostering citizenship and culture, the joy of learning and the power of diverse perspectives,” is unique in the national and local media landscape. Public Media Connect, which also includes the Southern Ohio Instructional Technology Association, serves a regional population of more than 3.5 million people, and is viewed by 1.8 million viewers each week across southwestern Ohio.