



AVIATION TEACHER INFORMATION

This page provides educators with links to various sites on the Internet that offer standards-based curriculum resources, online textbooks, lesson plans, field trip opportunities and much more. The page also contains information on professional development opportunities for teachers.

➤ **ALLSTAR for Teachers**

<http://www.allstar.fiu.edu/aero/Teachers.html>

The ALLSTAR network from Florida International University devotes a web page for teachers. It expands on the National Content Standards to provide a greater depth of content knowledge around each standard.

➤ **American Institute of Aeronautics and Astronautics**

<http://www.aiaa.org/content.cfm?pageid=208>

The American Institute of Aeronautics and Astronautics (AIAA) provides teachers with online lessons for students in grades K-12. The lessons cover topics in aviation, space and aerospace.

➤ **AvKids**

<http://wings.avkids.com/>

NASA, Cislunar Aerospace, Inc. and the National Business Aviation Association publish this online text book for students in grades K-8 on aeronautics. In addition, they provide resources to aide teachers in bridging the curriculum between the material in the online textbook and the content taught in the classroom. The web site also contains lesson plans.

➤ **Deke Slayton Memorial Space and Bicycle Museum: Education Module Summaries**

<http://www.dekeslaytonmuseum.com/2011/02/ed-module-legends-of-airpower-deke-slayton/>

The Deke Slayton Memorial Space and Bicycle Museum provides education modules for groups of eight children or more. The modules cover a variety of topics including-- astronauts, the solar system, bicycles, rocketry, airports, planes, and astronomy. The modules are instructor-led through museum staff and volunteers.

➤ **Federal Aviation Administration (FAA): Educator's Corner**

http://www.faa.gov/education/educator_resources/educators_corner/

The FAA's Educator's Corner provides teachers with a list of activities and experiments for the classroom. It also supplies several links to outside resources.

➤ **National Business Aviation Association (NBAA): AvKids**

<http://www.avkids.com/lounge/>

NBAA's Avkids web site has a listing of books about aviation. The children's books are reviewed and rated by NBAA. There is also a link to NBAA's *AvKids Activity Guide and Teacher's Resources*, which contains lesson plans in multiple languages.

➤ **National Coalition for Aviation Education**

<http://www.aviationeducation.org/html/teachingresources/teachingresources.htm>

The National Coalition for Aviation Education (NCAE) provides a resource matrix for teachers. It contains educator resources from a variety of sources. NCAE also provides a listing of publications and videos.

➤ **NASA for Educators**

<http://www.nasa.gov/audience/foreducators/index.html>

NASA for Educators provides numerous teaching materials and classroom resources for grades K-4, 5-8 and 9-12. It includes a link to its CORE web page, which is the distribution center for all of NASA's multimedia materials. This site also has information and links to NASA's current programming opportunities for teachers.

➤ **Smithsonian National Air and Space Museum**

<http://www.nasm.si.edu/education/classroom.cfm>

Smithsonian National Air and Space Museum's teacher web page contains resources for lesson planning-- including full lesson plans on various topics in aviation and astronautics. It also presents electronic field trips for classes and has videoconferencing events. There is information on a variety of workshops teachers can participate in for professional development.

PROFESSIONAL DEVELOPMENT

➤ **Experimental Aviation Association's Teachers' Day**

http://www.buildaplane.org/teachers_day_register.php

The Experimental Aviation Association (EAA) partners with General Aviation Manufacturers Association (GAMA) and BuildAPlane to provide a Teachers' Day at AirVenture. Teachers can participate in hands-on presentations and speak with program specialists about aviation education and careers.

➤ **Viterbo University Online**

<http://viterbo-online.com/gettingstarted.html>

Viterbo University Online provides several opportunities for teachers, guidance counselors and principals to take graduate classes that cover various topics in aviation, and discuss how to bring aviation into the classroom.

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Questions about the content of this page:

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Last Modified: February, 1 2012