



MAGNET
Manufacturing Advocacy & Growth Network

MAGNET CAREER AWARENESS DVD SUPPLEMENT EDUCATIONAL INFORMATION AND RESOURCES

WELDING

Lincoln Electric

<http://www.lincolnelectric.com/community/> (A variety of teaching materials)

American Welding Society

<http://www.aws.org/w/a/education/career.html> (Career information)

http://www.aws.org/w/a/foundation/engineer_your_future.html (Teachers guide including 12 student workshops)

<http://www.weldingtipsandtricks.com/welder-shortage-jay-leno-video.html> (Jay Leno's welding video and added commentary)

Illinois Office of Educational Services

<http://www.ioes.org/genderequity/careerpackages-welding.html> (Women in welding information, facts and lesson plans)

AEROSPACE

NASA

<http://www.grc.nasa.gov/WWW/K-12/aeroact.htm> (Aerospace activities and lessons)

<http://quest.nasa.gov/about/index.html> (Videos, interactive site for students and teacher resources)

<http://quest.nasa.gov/aero/teachers/learning.html> (Additional lesson plans from NASA broken down by grade level and subject)

ENGINEERING

American Society for Engineering Education

<http://www.engineeringk12.org/> (Interactive resources and information for students and educators including games, videos, career descriptions, lesson plans, etc.)

Try Engineering

<http://www.tryengineering.org/lesson.php> (Lesson plans, education and career information, games, etc.)

Society of Women Engineers

<http://aspire.swe.org/> (Lessons and activities, career information, scholarships, etc.)



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PRECISION TOOLS

Precision Metalforming Association Education Foundation

<http://www.pmaef.org/educator/> (Scholarship information, curriculum, teaching grants, career information, etc.)

<http://www.pmaef.org/Student/index.htm> (Training and education information, career ladders, employee profiles, etc.)

<http://www.edheads.org/> (Primarily interactive activities for K-8 and lesson plans)

PRODUCT DEVELOPMENT and DESIGN

Smithsonian, Cooper-Hewitt National Design Museum

<http://www.educatorresourcecenter.org/> (Lesson plans, additional resources, blogs)

Engineering, Science and Technology Foundations

<http://www.estfoundations.com/index.html> (Lesson modules)

Dexigner

<http://www.dexigner.com/> (Articles, product and people profiles, blogs)