the Henry Ford®

Boy **Scouts**

Boy Scouts of America Inventing Merit Badge

Resources at The Henry Ford

The Henry Ford has identified and aligned our resources to meet the requirements of the Inventing Merit Badge. Use this guide to encourage your Boy Scouts to discover and apply the core principles of innovation as they strive to earn their Inventing Merit Badge and ultimately be successful in their own lives.

BOY SCOUTS OF AMERICA INVENTING MERIT BADGE

TAP OUR ON-SITE AND ONLINE RESOURCES FOR YOUR INVENTING MERIT BADGE PROGRAM. WE'RE HERE TO INSPIRE YOUR BOY SCOUTS TO CHANGE THE WORLD.

REQUIREMENT 1A

EXPLAIN TO YOUR MERIT BADGE COUNSELOR THE ROLE OF INVENTORS AND THEIR INVENTIONS IN THE ECONOMIC DEVELOPMENT OF THE UNITED STATES.

ONLINE RESOURCES

ONINNOVATION.COM

Explore various traits and processes used by innovators, past and present. Our Innovation 101 is a unique and dynamic online education module that uses oral history interviews and assets of **The Henry Ford's** OnInnovation resource for active teaching and learning.

REQUIREMENT 1B, REQUIREMENT 2B

LIST THREE INVENTIONS AND STATE HOW THEY HAVE HELPED HUMANKIND. READ ABOUT THREE INVENTORS. SELECT THE ONE YOU FIND MOST INTERESTING AND TELL YOUR COUNSELOR WHAT YOU LEARNED.

HENRY FORD MUSEUM®

MADE IN AMERICA EXHIBIT

Explore 250 years of American manufacturing and innovation.

BUILD A MODEL T

Grab a wrench and join in the fun as we celebrate Henry Ford's Model T! Scouts will gain new perspective about Henry Ford and the car that changed the world as they assist in the assembly of an authentic Model T. Spend as much or as little time as you want in this one-of-a-kind activity led by experienced presenters.

GEORGE WASHINGTON CARVER EXHIBIT
(NOVEMBER 6, 2010 – FEBRUARY 27, 2011)

Discover the life and work of this pioneering educator, chemist and inventor.

HEROES OF THE SKY EXHIBIT

Meet the pioneers of early aviation.

GREENFIELD VILLAGE®

THOMAS EDISON'S MENLO PARK COMPLEX

Learn about the world's first research and development lab and the man who held 1,093 patents.

DRAMATIC PRESENTATIONS

Offered seasonally, these 15-to-20-minute programs engage and inspire our visitors with stories about inventors such as Elijah McCoy, Orville and Wilbur Wright and Thomas Edison.

HENRY FORD'S MODEL T

Visit the Bagley Avenue Workshop where Henry Ford first tinkered with the Quadricycle.

FORD ROUGE FACTORY TOUR

LEGACY THEATER

Learn how millions of Model Ts were manufactured at the beginning of the 20th century as well as how the Ford F-150 pickup truck is made today.

ONLINE RESOURCES

YOU CAN BE AN INNOVATOR LIKE HENRY FORD DIGIKIT (GRADES 3-5) AND IMPACT OF THE MODEL T – THEN AND NOW DIGIKIT (GRADES 9-12)

Explore case studies of Henry Ford, his Model T and the automobile industry, past and present. This new resource includes activities, projects, bibliographies and digitized images of artifacts and documents from our vast collections.
thehenryford.org/education/TransportationInAmerica.aspx

THOMAS EDISON'S MENLO PARK COMPLEX
the**henryford.org**/exhibits/edison/default.asp

ONINNOVATION.COM
Learn about modern and legendary inventors, innovators and inventions in the fields of racing, design and technology.

HEROES OF THE SKY EXHIBIT
Meet the pioneers of early aviation.
the**henryford.org**/exhibits/heroes/inventors/default.asp

THE MODEL T HERITAGE TOUR FOR GREENFIELD VILLAGE
the**henryford.org**/exhibits/modelt/pdf/ModelTHeritageSelfGuidedTour_gv.pdf

THE MODEL T HERITAGE TOUR FOR HENRY FORD MUSEUM
the**henryford.org**/exhibits/modelt/pdf/ModelTHeritageSelfGuidedTour_hfm.pdf

REQUIREMENT 2A

IDENTIFY AND INTERVIEW WITH A BUDDY AN INDIVIDUAL IN YOUR COMMUNITY WHO HAS INVENTED A USEFUL ITEM. REPORT WHAT YOU LEARNED TO YOUR COUNSELOR.

HENRY FORD MUSEUM®

MAKER FAIRE
(JULY 30-31, 2011)
Access dozens of innovators of all ages with inspiring stories to tell. YOU can be a Maker, too!

REQUIREMENT 4

DISCUSS WITH YOUR COUNSELOR THE TYPES OF INVENTIONS THAT ARE APPROPRIATE TO SHARE WITH OTHERS AND EXPLAIN WHY. TELL YOUR COUNSELOR ABOUT ONE NON-PATENTED OR NON-COPYRIGHTED INVENTION AND ITS IMPACT ON SOCIETY.

ONLINE RESOURCES

ONINNOVATION.COM
Learn about Mitchell Baker, chairperson, Mozilla Foundation, who led the release of the Firefox browser and other open-source, end-user products.
www.oninnovation.com/innovators/detail.aspx?innovator=Baker

REQUIREMENT 6

THINK OF AN ITEM YOU WOULD LIKE TO INVENT THAT WOULD SOLVE A PROBLEM.

HENRY FORD MUSEUM

SIKORSKY'S HELICOPTER IN HEROES OF THE SKY EXHIBIT
Learn about a machine that would be able to save lives by going where no other aircraft could go.

BUCKMINSTER FULLER'S DYMAXION HOUSE
This extraordinary dwelling was designed to be the strongest, lightest and most cost-effective housing ever built. Restored to its original 1946 condition, it's the only remaining prototype in the world.

ONLINE RESOURCES

SIKORSKY HELICOPTER
the**henryford.org**/exhibits/heroes/inventors/sikorsky.asp

DYMAXION HOUSE
the**henryford.org**/exhibits/dymaxion/index.html

REQUIREMENT 8

VISIT A MUSEUM OR EXHIBIT DEDICATED TO AN INVENTOR OR INVENTION.

ALL VENUES

The Henry Ford provides unique educational experiences based on authentic objects, stories and lives from America's traditions of ingenuity, resourcefulness and innovation. Our purpose is to inspire people to learn from these traditions to help shape a better future.

ONLINE RESOURCES

Preplan your experience by visiting **thehenryford.org**

REQUIREMENT 9

DISCUSS WITH YOUR COUNSELOR THE DIVERSE SKILLS, EDUCATION, TRAINING AND EXPERIENCE IT TAKES TO BE AN INVENTOR, HOW YOU CAN PREPARE YOURSELF AND THREE CAREER FIELDS THAT MIGHT UTILIZE THE SKILLS OF AN INVENTOR.

ONLINE RESOURCES

ONINNOVATION.COM

Explore various traits and processes used by innovators, past and present. Our Innovation 101 is a unique and dynamic online education module that uses oral history interviews and assets of **The Henry Ford's** OnInnovation resource for active teaching and learning.

OTHER GREAT SCOUT OUTINGS

GREAT AMERICAN MUSEUM EXPERIENCE

The ultimate sleepover! The Great American Museum Experience is a two-day overnight adventure that includes admission to Henry Ford Museum, Ford Rouge Factory Tour and IMAX® Theatre or Greenfield Village (seasonal), meals and facilitated after-hours fun!

IF I HAD A HAMMER

Real-world challenge! Teams of scouts work together to build an 8-by-11-foot house inside Henry Ford Museum. Teamwork is a must in this real-world challenge!

Henry Ford and George Washington Carver at Nutrition Laboratory, Dearborn, Michigan, July 1942

the Henry Ford®

thehenryford.org

Contact our Call Center at **313.982.6001** to plan your trip to **The Henry Ford**.
Questions? Contact **Education@TheHenryFord.org**