

EXPLORERS & ADVENTURES – YEAR 4



Websites

www.enchantedlearning.com/explorers/1300.shtml

Enchanted Learning website has searchable information on explorers from 1300's and earlier to 1900's.

<http://library.thinkquest.org/4034/>

Think Quest website has an explorers' hall of fame featuring information and photographs on explorers of the millennium.

www.solarnavigator.net/history/great_explorers.htm

Solar Navigator website has information on the Great Age of Exploration.

http://en.wikipedia.org/wiki/Age_of_Discovery

Wikipedia website has maps, information and links on the Age of Discovery.

www.factmonster.com/encyclopedia/1explbio.html

Fact Monster website has a searchable list of biographies of notable explorers, travellers and conquerors.

www.nmm.ac.uk/collections/explore/index.cfm/category/chronometers

National Maritime Museum website has a collection of chronometers including John Harrison's first sea-clocks.

www.nmm.ac.uk/collections/explore/index.cfm/category/astronomical

National Maritime Museum website has searchable collections of navigational instruments.

<http://er.jsc.nasa.gov/seh/navigate.htm>

NASA JSC ER website explains how Columbus and Apollo astronauts navigated.

www-istp.gsfc.nasa.gov/stargaze/Snavigat.htm

NASA GSFC website explains how sailors navigated with the Pole Star and the sun before they had GPS.

www.nyborg-gym.dk/uv/hk/1cuhistorie/navigation.htm

Nyborg-Gym website has information for children on early navigation in the 13th to 15th centuries.

www.astrolabes.org

Astrolabes website has a history of the astrolabe and a template and instructions on how to make a mariner's astrolabe.

www.kidsgeo.com/geography-for-kids/0030-map-projections.php

KidsGeo.com has information about different map projections and how they are created.

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<http://kids.yahoo.com/directory/School-Bell/Social-Studies/Geography/Maps/Map-Making>

Kids Yahoo website has links to many websites with information about maps and map-making.

www.nationalgeographic.com/features/2000/exploration/projections

National Geographic website has this feature 'Round Earth, Flat Maps' that explains different map projections.

www.nationalgeographic.com/xpeditions/atlas

National Geographic website has an 'Xpeditions Atlas' page with printable maps of five continents including North America, South America, Europe, Asia and Oceania.

www.childrensuniversity.manchester.ac.uk/interactives/science/earthandbeyond/shadows.asp

The Children's University of Manchester website has an interactive section about the sun and shadows.

www.bbc.co.uk/schools/ks2bitesize/science/physical_processes/light_shadows/play.shtml

BBC schools website has an interactive game that teaches children about shadows and the sun.

www.bbc.co.uk/schools/ks2bitesize/science/physical_processes/magnet_springs/read3.shtml

BBC schools website has information about magnetism and an interactive game.

www.explainthatstuff.com/magnetism.html

Explain that Stuff website has a useful feature about magnetism.

www.historyforkids.org/crafts/china/compass.htm

History for kids website explains how to make a Chinese compass.

<http://hyperphysics.phy-astr.gsu.edu/hbase/magnetic/magearth.html>

Hyperphysics website explains in easy terms the magnetic field of the Earth.

<http://tlc.howstuffworks.com/family/shadow-fun-activities2.htm>

TLC website has this easy-to-make shadow clock.

www.education.com/activity/article/shadow_clock_first

Education.com describes how to make a shadow clock.

www.exploratorium.edu/science_explorer/sunclock.html

Exploratorium explains the science of sun clocks and includes a template for making one.

www.bbc.co.uk/schools/ks2bitesize/science/physical_processes/changing_sounds/read3.shtml

BBC schools website investigates sounds and how sounds travel.

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www.kidsgeo.com/geography-for-kids/0038-microwave-and-radar-sensing.php

KidsGeo.com website has information for children about sonar and radar mapping.

<http://videos.howstuffworks.com/discovery/391-ultimate-guide-to-submarines-sonar-video.htm>

HowStuffWorks website has a video about sonar navigation.

www.nasa.gov/exploration/home/SEV.html

NASA website has photographs and descriptions of exploration vehicles including a 3-D look at the Lunar Electric Rover.

www-robotics.jpl.nasa.gov/systems/system.cfm?System=11

NASA website has this link to the ATHLETE Rover – the All-Terrain Hex-Limbed Extra-Terrestrial Explorer, a six-legged robotic vehicle, suitable for climbing over extreme terrain.

www.earth.google.com

Google Earth website has free downloads of the latest version of the software, allowing you to explore the ocean at a click of your mouse.

www.google.co.uk/images

Google Images has an extension collection of portraits of explorers.

www.asap.unimelb.edu.au/bsparcs/covington/contents.htm

The Australian Science Archives Project website features the journal and artwork of Syms Covington on the Second Voyage of HMS Beagle, 1831-1836.

www.flickr.com/photos/nostri-imago/sets/72157607551198706/detail/

Flickr.com website has a gallery of George Catlin551198706/detail/merican Indians.

www.geospectra.net/lewis_cl/catlin/catlin.htm

Geospectra website has a feature about George Catlin and his paintings.

www.nhm.ac.uk/nature-online/art-nature-imaging/index.html

The Natural History Museum has a section devoted to nature as depicted in art.

www.ntz.info/gen/n01250.html

NTZ website has biographical information about May French Sheldon.

http://en.wikipedia.org/wiki/Moon_Treaty

Wikipedia website outlines the details of the Moon Treaty of 1979 – so far only 13 states have ratified the agreement.

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Videos

<http://videos.howstuffworks.com/discovery/391-ultimate-guide-to-submarines-sonar-video.htm>

HowStuffWorks website has a video about sonar navigation.



Books

Atlases

100 things you should know about Explorers, **by Dan North, Miles Kelly Publishing, 2006**

Great Explorers, **edited by Claire Lucas, Ticktock Media Ltd, 2009**

Intrepid Explorers, Horrible Geography series, **by Anita Ganeri, Scholastic, 2003**

Why do people want to explore? **by Miles Kelly Publishing, 2005**

The story of Explorers and Exploration **by Penny Clarke, 2007**

Exploration and Discovery, **by Simon Adams, Lorenz Books, 2000**

Understanding world maps, **Meg Gillett and Jack Gillett, Wayland, 2008**

Maps and Mapping the World, **by Tim Cooke, Gareth Stevens Publishing, 2010**

Captain Cook's Journal During the First Voyage Round the World, **by James Cook**

The Great Naturalists, **edited by Robert Huxley, The Folio Society, 2009**

Margaret Mee's Amazon, **Royal Botanic Gardens Kew, 2004**

Travels in West Africa, **by Mary H Kingsley, National Geographic Books, 2002**

Looking Close and Seeing Far: Samuel Seymour, Titian Ramsay Peale, and the Art of the Long Expedition, 1818-1823, **by Keith Haltman, Pennsylvania State University Press, 2008**
