

Adventures in the Sea and Sky

Sailing the High Seas and Soaring Above
with Heroes & Villains in History

Winter Promise

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Adventures in the Sea and Sky

Adventures on the Sea

HISTORY BOOKS

Sailors, Whalers & Fantastic Sea Voyages
WP EXCLUSIVE! *Sailing the Seas through History*
Ships of the World
Story of the Vikings
Planet Earth

SCIENCE BOOKS

The Ocean Book
Tools of Navigation
Oceans for Every Kid
Pagoo: Study of Tide Pool Life
Dragons of the Deep

ACTIVITY RESOURCES

Awesome Ocean Science
The Great Pirate Activity Book
Historic Sailing Ships

NOTEBOOKING

Make-Your-Own Captain's Log

READ ALOUDS/READERS

Treasure Island
Stowaway
Raiders from the Sea
Carry On, Mr. Bowditch
Revenge of the Whale
Around the World in Eighty Days
Swallows & Amazons
Teetoncey
Flying to the Moon: An Astronaut's Story

BIBLE

Our Place in Space

Adventures in the Skies

Flight

HISTORY BOOKS

Wright Brothers for Kids
The Story of Flight: Amazing Flights: The Golden Age
The Story of Flight: Air Combat

SCIENCE BOOKS

Glad Scientist Learns about Weather
The Weather Book
Air

ACTIVITY RESOURCES

Weather Forecasting
Map Skills
Story of the Wright Brothers

Space

HISTORY BOOKS

Galileo for Kids
Exploring the Solar System: A History

SCIENCE BOOKS

Don't Know Much About Space
Constellations for Every Kid
Glad Scientist Visits Outer Space

ACTIVITY RESOURCES

Solar System Planetarium
World Record Paper Airplanes

Adventures in the Sea and Sky

Overview of Studies

ADVENTURE ON THE HIGH SEAS

THE CHARACTER OF A SHIP

- Week 1: *A Ship, Inside and Out*
- Week 2: *Life on the Sea*

PEOPLE TAKE TO THE SEA

- Week 3: *Ancient Sailors*
- Week 4: *The Greeks and Romans*
- Week 5: *The Vikings*
- Week 6: *The Middle Ages*

THE RENAISSANCE MAKES WAVES

- Week 7: *A Sailing Renaissance*
- Week 8: *A Man Named Christopher*
- Week 9: *The Age of Exploration Begins*
- Week 10: *Ships Carry Colonists Across the Sea*
- Week 11: *Ships Build New Empires*

THE HEART OF A PIRATE

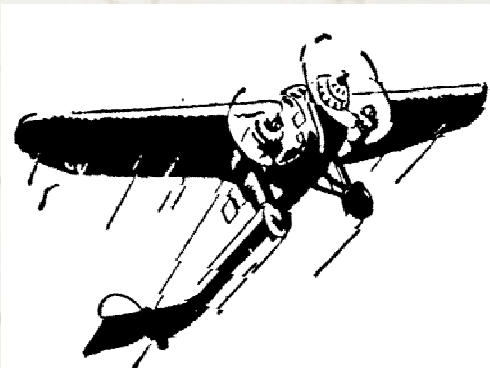
- Week 12: *Piracy on the High Seas*
- Week 13: *Villains Fly Their Flags*

AMERICAN SHIPBUILDING

- Week 14: *America Enters the World's Seas*
- Week 15: *Clipper Ships Rule the Waves*
- Week 16: *Steam & Ironclads Change Ships Forever*

20th CENTURY SHIPS

- Week 17: *Luxury Liners & Infamous Disasters*
- Week 18: *Submarines & Carriers in War*



ADVENTURE IN THE SKIES ABOVE

ADVENTURES IN THE AIR

- Week 19: *Early Aviation Pioneers*
- Week 20: *Wilbur and Orville*
- Week 21: *The Four Forces of Flight*
- Week 22: *The Three Axes of Motion*
- Week 23: *Flight Attempts and Failures*
- Week 24: *Kitty Hawk Triumph*
- Week 25: *Barnstormers & Record-Setters*
- Week 26: *Air Power in World Wars*
- Week 27: *World Travel & Sonic Speed*

ADVENTURES IN SPACE

- Week 28: *Our Place in the Universe*
- Week 29: *One Sun, One Earth and a Moon*
- Week 30: *Journey through the Milky Way*
- Week 31: *The Galaxy's Outer Regions*
- Week 32: *Shooting for the Stars*
- Week 33: *Early Launches and Milestones*
- Week 34: *Moon Landing!*
- Week 35: *Space Shuttles & Catastrophes*
- Week 36: *Rocketing into the Future*

SCIENCE TOPICS

OCEANS & SEAS

- Weeks 1-4: *Oceanography*
- Weeks 5-12: *Tools of Navigation*
- Weeks 13-18: *Ocean Biomes*

WEATHER IN THE SKY

- Weeks 19-22: *Types of Weather*
- Weeks 23-27: *Forecasting Weather*

ASTRONOMY

- Weeks 28-31: *Exploring the Galaxy*
- Weeks 32-36: *Constellations and Observation*



Adventures in the Sea & Sky

Week 1 - A Ship, Inside and Out

RESOURCES	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
ORAL DISCUSSION					
HISTORY STUDY					
<i>Sailing the Seas through History</i>	Introduction & Why is a Ship a Ship?	The Parts of a Sailing Ship	The Parts of a Powered Ship	A Ship's Motion & Seasickness	TIMELINE
<i>Planet Earth</i>				Chapter 1 "How Big is the Earth?"	
<i>Sailors, Whalers & Fantastic Sea Voyages</i>	Introduction p. xi-xiii	Chapter 1 p. 1-5	Chapter 1 p. 6-8		
SHIPS	Introducing Ships p. 4-5				
SCIENCE STUDY					
<i>The Ocean Book (MasterBooks)</i>	"Introduction" Page 4-5				
<i>Awesome Ocean Science!</i>				"Begin Your Ocean Adventure" Page 4-6 & 9-11	
<i>Oceans for Every Kid</i>		Chapter 2 "What You Need to Know" & "Let's Think it Through"	Chapter 3 "What You Need to Know" & "Let's Think it Through"		
READING TOGETHER					
<i>Treasure Island</i>	Foreword, Chapter 1-2	Chapter 3-4	Chapter 5-6	Chapter 7-8	
CHOOSE AMONG THESE RESOURCES & ACTIVITIES					
<i>Sailors, Whalers & Fantastic Sea Voyages</i>		★ DIFFICULT ★ "Build a Shadow Box Ship" p. 3-5			
<i>Awesome Ocean Science!</i>				★ MODERATE ★ "Make Ocean Pie" p. 7-8	
<i>Oceans for Every Kid</i>		★ LT. PREP ★ "Different Areas" p. 18-21	★ LT. PREP ★ "Where Are You?" p. 27-30		
<i>Other Ideas - See Notes Below</i>			★ EASY ★ "Sea Lingo Game" (See Below)	★ EASY ★ WEBSITE BELOW "How a Boat Sails"	

Notes

HISTORY FOCUS:

A Ship -- Inside and Out

Examine the basics of a ship and the beginnings of sail.

SCIENCE TOPIC:

Introducing the Ocean

A look at the world's oceans around the globe.

ACTIVITIES

"Sea Lingo Game"

Your student can make up their own memory game. First, have them cut card-size pieces of paper or cardstock. Using the terms and expressions from "Sailors, Whalers..." and "World of Ships," have them put the term or expression on one piece of paper and the meaning on another. When they have gathered quite a few sets of two, they can lay out a "memory game" on the table. Shuffle the cards, then lay all the cards face down on the table in rows. The first player tries to make a match. If they don't, the cards need to be turned back over upside down. Players should try to remember the locations of the cards they've seen. Players keep any matches they make. Continue until all cards are made into matches. The player with the most pairs wins.

A REMINDER! This year you'll find a system that indicates to you the level of involvement needed to complete an activity. Between the stars above the activity are listed terms that should help you to know what an activity will involve. Here is the scale used:

EASY - Involves little to no prep for the parent and the student can complete it with common household supplies or none at all.

LIGHT PREP (LT. PREP) - Involves slightly more preparation but just common household supplies.

LTD. SUPPLIES - Involves little to no prep, but a few supplies you may have to gather, although most supplies will be common items.

MODERATE - Involves moderate preparation work or supplies you'll need to gather.

SKILLED - Project takes skill to complete, but supplies are provided or common.

PLAN IT - A project that requires time to plan ahead, but very accomplishable in other respects.

DIFFICULT - Project requires quite a bit of time, skill or supplies.

GRAY SPACES -- OUR TOP RECOMMENDATIONS!

Website: "How a Sailboat Sails"

<http://www.boatsafe.com/kids/033199kidsques.htm>

"How a Boat Floats?" <http://www.boatsafe.com/kids/021598kidsques.htm>



Adventures in the Sea & Sky - Week 1

Independent Study Assignments

RESOURCES	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
INDEPENDENT STUDY					
BIBLE: <i>Our Place in Space</i>	Introduction p. 9-10	Read Lesson 1 p. 11-12	Look up "Additional Verses" - p. 12	Complete the "Find It!" Section p. 12	
SCIENCE: <i>Oceans for Every Kid</i>		Exercises Page 17 (Answers - p. 21)	Exercise Page 27 (Answers - p. 30)		
HISTORY: <i>Planet Earth</i>				Questions Page 9	
GEOGRAPHY: <i>Map Skills</i>			Compass Rose Pool Page 4		
MATH ASSIGNMENT:					
CHOOSE AMONG THESE RESOURCES & ACTIVITIES					
<i>Sailors, Whalers & Fantastic Sea Voyages</i>		★ DIFFICULT ★ "Build a Shadow Box Ship" p. 3-5			
<i>Awesome Ocean Science!</i>				★ MODERATE ★ "Make Ocean Pie" p. 7-8	
<i>Oceans for Every Kid</i>		★ LT. PREP ★ "Different Areas" p. 18-21	★ LT. PREP ★ "Where Are You?" p. 27-30		
<i>Other Ideas - See Notes Below</i>			★ EASY ★ "Sea Lingo Game" (See Below)	★ EASY ★ WEBSITE BELOW "How a Boat Sails"	

Notebooking:

- ★ **Make-Your-Own Captain's Log - "Your Voyage Aboard the Seafarer"**
Label this page with the parts of your new ship.
- ★ **Timeline Figures to Place**
The Creation - c. 5000 B.C.
The Dinosaurs - 5th and 6th Days of Creation
- ★ **Mapping Project - Early Sea Travel**
Start a map for your Timelines in History. Use the "Ancient Rome" template. The template is included in the Old World Style World Maps CD. This week, color the seas and oceans blue, and the land a color of your choice such as tan or light green. You'll continue to build this map for several weeks. Label the bottom of the map as "Early Sea Travel."



Website to Visit: Why Does a Boat Float & a Sailboat Sail?
Have a parent help you to reach this site. The web address is listed in the parent notes.