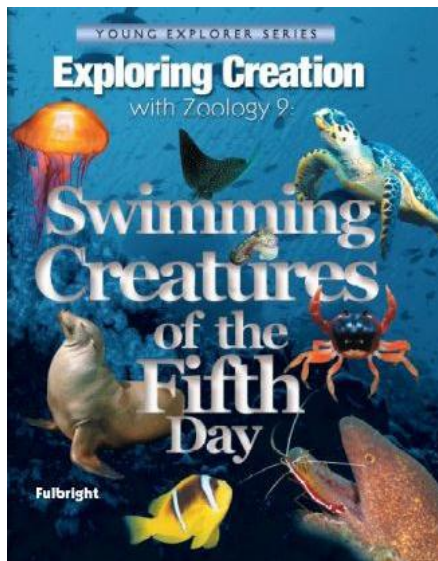


L-Z2P

“Exploring Creation With Zoology 2: Swimming Creatures of the 5th Day” - Lessons 1-13 Lapbook Package

PLEASE NOTE: This product includes BOTH lapbooks for this book.
One lapbook covers lessons 1-5, and the other covers lessons 6-13.



This lapbook has been specifically designed for use with the book, “Exploring Creation with Zoology 2: Swimming Creatures of the 5th Day” by Jeannie Fulbright and Apologia Science.

Templates are printed with colors that best improve information retention according to scientific research.

Designed by
Cyndi Kinney
of Knowledge Box Central
with permission from Apologia Science
and Jeannie Fulbright.



Exploring Creation With Zoology 2:
Swimming Creatures of the 5th Day –
Lessons 1-13 Lapbook Package
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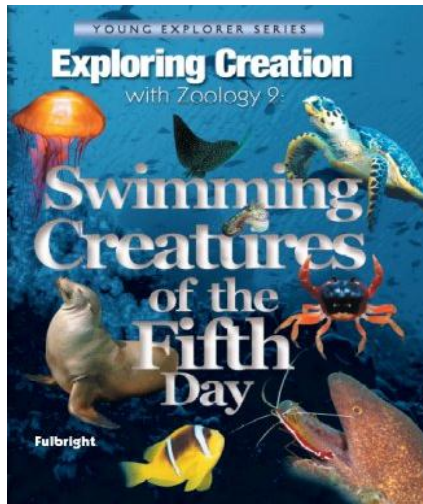
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This book is dedicated to my amazing family. Thank you to my wonderful husband, Scott, who ate a lot of leftovers, listened to a lot of whining (from me!), and sent lots of positive energy my way. Thank you to my daughter, Shelby, who truly inspired me through her love for learning. Thank you to my parents, Judy and Billy Trout, who taught me to trust in my abilities and to never give up.

“Exploring Creation With Zoology 2: Swimming Creatures of the 5th Day” - Lessons 1-5 Lapbook

PLEASE NOTE: This is the first of 2 lapbooks for this book. This particular lapbook ONLY covers Lessons 1 through 5, while another lapbook covers Lessons 6-13. You will need BOTH lapbooks in order to complete the entire book in lapbook format.



This lapbook has been specifically designed for use with the book, “Exploring Creation with Zoology 2: Swimming Creatures of the 5th Day” by Jeannie Fulbright and Apologia Science.

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Swimming Creatures of the 5th Day – Lessons 1-5 Lapbook
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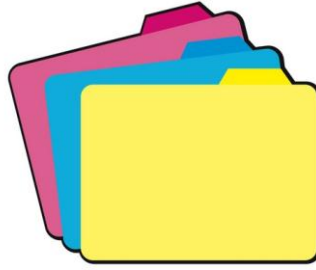
This book is dedicated to my amazing family. Thank you to my wonderful husband, Scott, who ate a lot of leftovers, listened to a lot of whining (from me!), and sent lots of positive energy my way. Thank you to my daughter, Shelby, who truly inspired me through her love for learning. Thank you to my parents, Judy and Billy Trout, who taught me to trust in my abilities and to never give up.

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How do I get started?

First, you will want to gather your supplies.



*** Assembly:

***Folders:** We use colored file folders, which can be found at Walmart, Sam's, Office Depot, Costco, etc. You will need between 1 and 4 file folders, depending on which product you have purchased. You may use manila folders if you prefer, but we have found that children respond better with the brightly colored folders. Don't worry about the tabs....they aren't important. Within this product, you will be given easy, step-by-step instructions for how to fold and assemble these folders. *If you prefer, you can purchase the assembled lapbook bases from our website.*

***Glue:** For the folder assembly, we use hot glue. For booklet assembly, we use glue sticks and sometimes hot glue, depending on the specific booklet. We have found that bottle glue stays wet for too long, so it's not a great choice for lapbooking. For gluing the folders together, we suggest using hot glue, but **ONLY** with adult supervision. These things get **SUPER** hot, and can cause **SEVERE** burns within seconds.



***Other Supplies:** Of course, you will need scissors. Many booklets require additional supplies. Some of these include metal brad fasteners, paper clips, ribbon, yarn, staples, hole puncher, etc.



You may want to add decorations of your own, including stickers, buttons, coloring pages, cut-out clipart, etc. Sometimes, we even use scrapbooking supplies. The most important thing is to use your imagination! Make it your own!!



Continue ON.....



Ok. I've gathered the supplies. Now how do I use this product?

Inside, you will find several sections. They are as follows:

1. **Lapbook Assembly Guide:** This section gives instructions and diagrams will tell the student exactly how to assemble the lapbook base and where to glue each booklet into the base. Depending on the student's age, he or she may need assistance with this process, especially if you choose to allow the student to use hot glue.
2. **Student Instruction Guide:** This section is written directly to the student, in language that he or she can understand. However, depending on the age of the child, there may be some parent/teacher assistance needed. This section will also tell the student exactly what should be written inside each booklet as he or she comes to it during the study, as well telling the student which folder each booklet will be glued into.
3. **Lapbook Assembly Guide:** This section is written directly to the student also, in language that he or she can understand. However, as with the previous section, depending on the age of the child, there may be some parent/teacher assistance needed. This section will also tell the student how to cut, fold, and assemble each booklet.
4. **Teacher's Guide:** This section is a great resource for the parent/teacher. In this section, you will find the page number where each answer may be found in the book. You will also find suggestions of extra activities that you may want to use with your student.
5. **Booklet Templates:** This section includes ALL of the templates for the booklets. These have been printed on colors that will help to improve retention of the information presented, according to scientific research on color psychology.

Colors & Shapes – Why Do They Matter?

After MUCH research and studies, science has shown that colors and shapes have psychological values. These influence the emotions and memories of each one of us. In our products, we have used specific colors and shapes in ways that will improve information retention and allow for a much more mentally interactive time of study. Some pages may have a notation at the bottom, where a specific color is suggested for your printing paper. This color suggestion is designed to improve information retention. However, if you do not have that specific color of paper, just print on whatever color you have. For the most benefit, follow the color suggestions, and watch your child's memory and enthusiasm truly soar!

BE CREATIVE!

Make it your own!

If you would like to send pictures of your completed lapbook, please do!

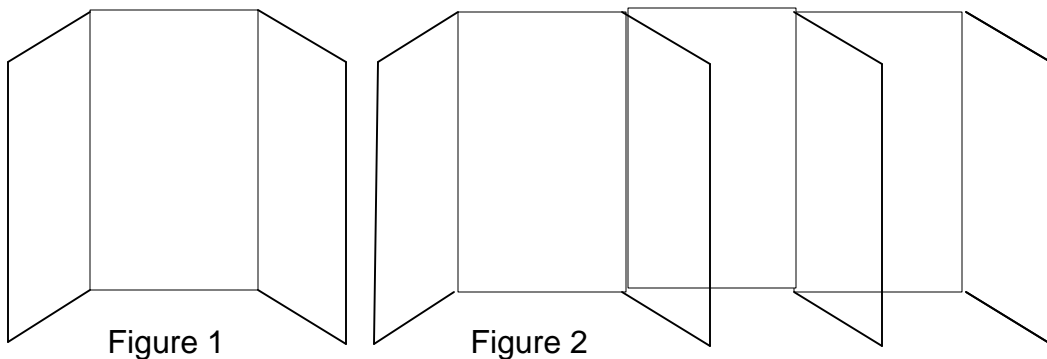
We would love to display your lapbooks on our website and/or in our newsletter.

**Just send your pictures, first initial & last name, and age to us at:
cyndi@knowledgeboxcentral.com**

Exploring Creation With
*Zoology 2: Swimming Creatures of the 5th Day –
Lessons 1-5*

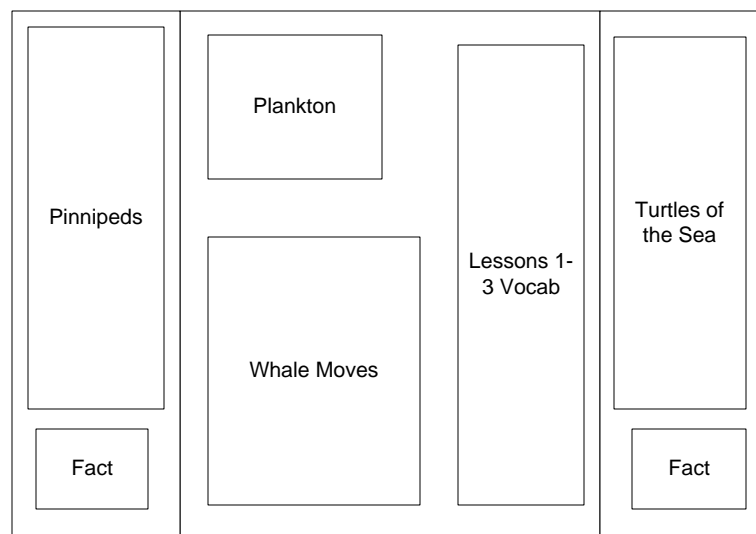
Lapbook Assembly Guide

You will need 3 folders of any color. Take each one and fold both sides toward the original middle fold and make firm creases on these folds (Figure 1). Then glue (and staple if needed) the backs of the small flaps together (Figure 2).

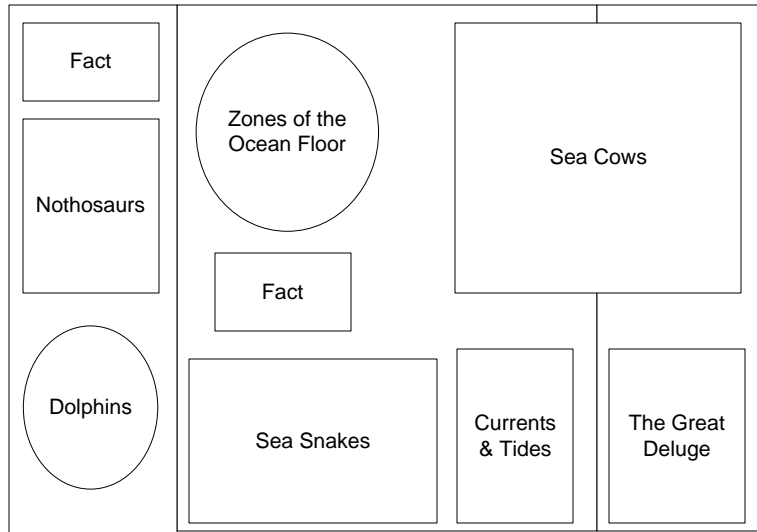


This is the “Layout” for your lapbook. The shapes are not exact on the layout, but you will get the idea of where each booklet should go inside your lapbook.

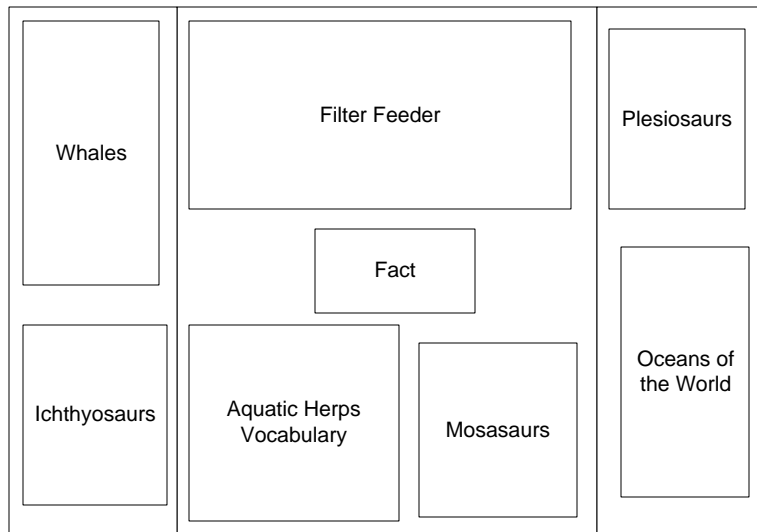
Inside of 1st Folder:



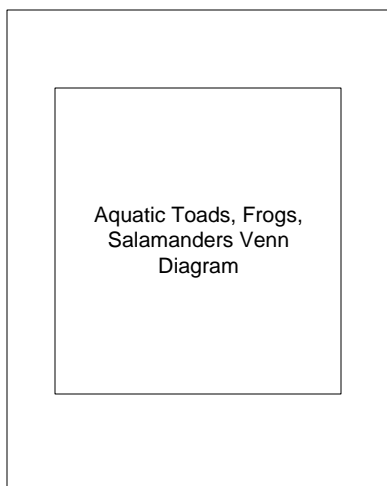
Inside of 2nd Folder:



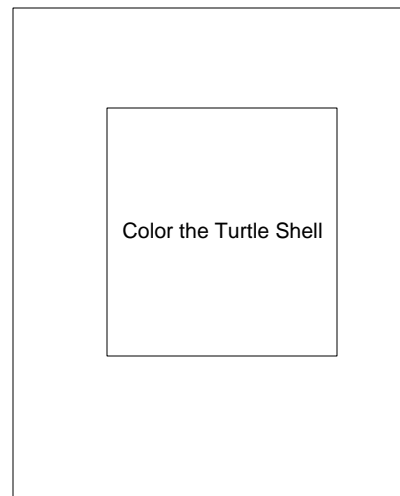
Inside of 3rd Folder:



Back of 2nd Folder



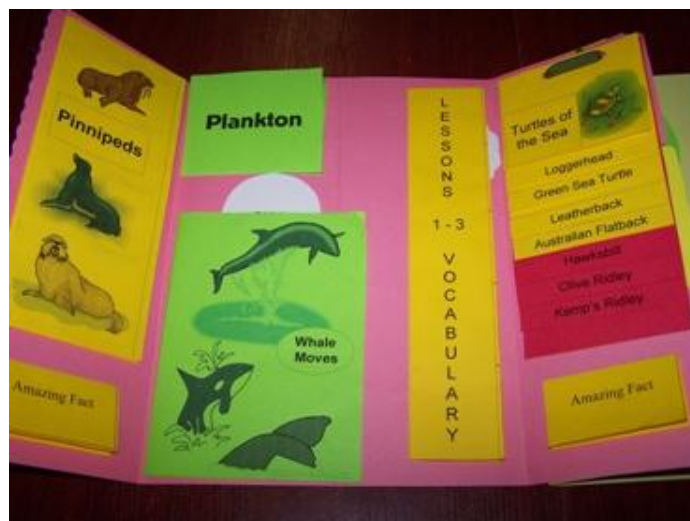
Back of 3rd Folder



Below are pictures of a completed lapbook!!! This should help in figuring out how to assemble the booklets and then how to put it all together!



Complete

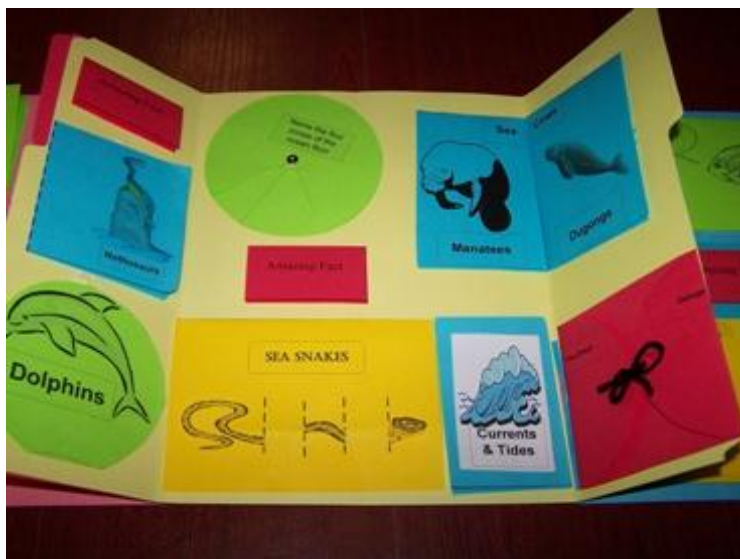


Left Folder

Continue ON.....



Middle Folder



Right Folder



Back of Folders





***“Swimming Creatures of the Fifth Day” Lapbook
Lessons 1 - 5
Student Instruction***

Cover:

The cover of your lapbook has purposely been left blank so that you may decorate it in any style you choose. Here are a few suggestions:

1. Go to www.enchantedlearning.com, and print out pictures of swimming creatures that you are studying.
2. Cover the front with a blue piece of construction paper, and draw aquatic animals on it with chalk or oil pastel paints.
3. Draw a picture of some of the people, animals, or places you learned about during your study.
4. Use your search engine to find coloring pages or clip art that tell about your study.
5. Use stickers to decorate.
6. Go to www.makingfriends.com, and print out a paper doll.
7. Go to <http://www.dltk-kids.com/world/index.htm> and print out coloring sheets or crafts to use on the cover or various places within your lapbook.

There are many web sites listed within this Instruction Packet, all with permission. You may use those or use your own search engine to find information to fill your lapbook booklets. Two web sites which are very helpful are www.enchantedlearning.com and www.infoplease.com. The Internet Public Library Kids section also has a lot of useful information: <http://www.ipl.org/div/kidspace>.

Continue ON.....



Swimming Creatures of the Fifth Day

Lessons 1 - 5

Lapbook Student Instruction Guide

Lesson 1:

- Plankton Booklet: Do you know what “plankton” is? You’ll learn a lot about it in this book! Write your answers here. Template on page 19.
- Filter Feeder Booklet: Filter feeders serve a very special purpose. Do you know what it is? Also, color the pictures on the front of the booklet. Template on page 22.
- Four Oceans Booklet: Can you name all 4 oceans? Write them here. Template on page 20.
- Lessons 1-3 Vocabulary Booklet: Try your hand at these new words. If you don’t know what they mean, look back through your lesson. You can just do these as you come to the words in the first 3 lessons. Template on page 24.
- Zones of the Ocean Floor Booklet: Did you know that if you could walk on the floor of the ocean, you would walk through 4 different zones? What are they? Template on page 21.
- Currents & Tides Booklet: Tell what you know about currents and tides. You may draw pictures if you like. Template on page 23.

Lesson 2:

- Whales Booklet: Whales are amazing creatures! Tell what you know about them here! You might also like to draw or glue pictures in this booklet. Templates on pages 25-26.
- Whale Moves Booklet: Whales move in mysterious and fun ways! Pull on the tab in this booklet...what is the move this whale is making called? Tell about the different movements. Templates on pages 28-30.
- Dolphins Booklet: Have you ever seen a dolphin? Have you ever touched one? Did you know that they are whales??? Tell what you have learned about them here. Template on page 27.

Lesson 3:

- Pinnipeds Booklet: “Pinniped” is a funny name, isn’t it? Do you know what it means? Tell what you know about seals, sea lions, and walruses. Templates on pages 31-32.
- Sea Cows Booklet: Did you know there are cows that don’t say “moo”? They live in the ocean! Tell what you have learned about Manatees and Dugongs here. Template on page 33.
- Don’t forget the Lessons 1-3 Vocabulary booklet mentioned in Lesson 1!!

Lesson 4:

- Aquatic Herp Vocabulary Booklet: Do you remember these words and their definitions? Write them here. Templates on pages 36-37.
- Turtle Shell Coloring Booklet: Turtle shells come in a variety of shapes, patterns and colors. Create your own! Template on page 38.
- Types of Turtles Booklet: How many kinds of turtles have you ever seen? Aren’t they amazing? See what you can tell us about them! Can you draw some of them too? Templates on pages 39-42.
- Sea Snakes Booklet: Have you ever seen snakes swim? Have you seen any with a funny-looking tail? Maybe it was a sea snake! Tell what you have learned about these snakes here. Template on page 35.
- Venn Diagram Booklet: What do aquatic frogs, toads, and salamanders have in common? Are they very different? Use this diagram to illustrate these similarities and differences. Template on page 34.

Lesson 5:

- Nothosaurs Booklet: Tell about these amazing giant marine animals that God made on the fifth day. Template on page 44.
- Mosasaurs Booklet: Tell about these amazing giant marine animals that God made on the fifth day. Template on page 44.
- Ichthyosaurs Booklet: Tell about these amazing giant marine animals that God made on the fifth day. Template on page 43.
- Plesiosaurs Booklet: Tell about these amazing giant marine animals that God made on the fifth day. Template on page 43.
- The Great Deluge Booklet: Do you remember a story about a great flood?? What do you remember about it? Template on page 45.

Swimming Creatures of the Fifth Day

Lessons 1 - 5

Lapbook Assembly Guide

Inside of 1st Folder:

1. Pinnipeds Booklet: This booklet is meant to be printed out as “double-sided.” However, if you are not able to do this on your printer, then you may just print out each page and glue them back-to-back. You will have to trim along the line on one side, in order to make this booklet fold properly. This booklet is a “tri-fold,” with the title on the front.
2. Plankton Booklet: Cut out along the outer black line edge of the booklet, and then accordion-fold so that the title word ends up on the front.
3. Amazing Fact Booklets (2): Cut out along the outer black line edges of all 3 differently-shaped booklets. Then, fold along the center line so that the title is on the front.
4. Whale Moves Booklet: Cut out along the outer black line edges of the booklet, writing page, coloring page and the insert (insert should be on cardstock). Fold the outer booklet along the center vertical line, creating a book cover. Then, glue the writing page on the left side of the inside of the book. Now...the tricky part! Cut along the dotted line that is on the coloring page. This creates a “slit” in the coloring page. VERY carefully, place glue ONLY around the VERY EDGES of the coloring page, and attach it to the right inside page of the booklet...opposite the writing page. Take the insert and GENTLY fold it like a taco, and slide the bottom part of it through the slit that you cut. Once the insert is inside the slit in the coloring page, let go of the “taco fold” so that it goes back to normal size. Now, you should be able to pull the insert in and out, with the large end of the insert INSIDE/BEHIND the coloring page.....and the tip of the whale’s head outside of the coloring page. This creates a ‘pull out/up” whale. Look at the picture on page 9 to see how this should look.
5. Lessons 1 – 3 Vocabulary Booklet: Cut out along the outer black line edges of the booklet. Then, fold along the center vertical line. Now, fold along the other two vertical lines. Now cut along the lines between the words, creating little “flaps” to write under. Now, fold the 2 sides over, so that the title is on the front.
6. Turtles of the Sea Booklet: Cut out along the outer black line edges of all 9 pages. Then, stack them with the title page on top and each page getting progressively longer from shortest to longest. Now, punch 2 holes through the top of your stack, and secure with a ribbon or yarn.

Inside of 2nd Folder:

1. Nothosaurs Booklet: Cut out along the outer black line edges of the booklet, and then fold along the center line, so that the title is on the front.
2. Dolphins Booklet: Cut out along the outer edges of the booklet, keeping the circles connected. Fold along the center line, keeping the title on the front
3. Zones of the Ocean Floor Booklet: Cut out along the outer black line edges of both circles. Cut out the wedge on the title circle. Stack them so that the title circle is on top. Secure together with a metal brad fastener through the very center, creating a wheel that spins.

4. Sea Cows Booklet: Cut out along the outer black line edges of the booklet. Then, fold along the center horizontal line. Now, cut along the line that is between the Manatee and Dugong, cutting through the “Sea Cows” title. This will create 2 large “flaps.”
5. Sea Snakes Booklet: Cut out along the outer black line edges of the booklet and the snake. Fold the booklet along the center line, keeping the title on the front. Cut the “slits” that are dotted. Starting at the left side, “weave” the snake through the slits so that his head is visible on the right side, and his tail is visible on the left side. See the picture for a better idea of what it will look like.
6. Currents and Tides Booklet: Cut out along the outer black line edges. Also, cut out the title box. Accordion-fold the booklet, so that the words are all on the inside, and there is a blank on top and on the bottom. Glue the title box to the front.
7. The Great Deluge Booklet: Cut out along the outer black line edges of the booklet. Fold along both vertical lines, so that the words are on the outside. The rounded edges will ALMOST touch. Punch holes through the two small circles, and tie a ribbon or yarn through these to secure. Only create a loose bow, so that you can open the booklet easily.
8. Amazing Facts Booklets (2): Cut out along the outer black line edges of the booklet, and then fold along the center line so that the title is on the front.

Inside of 3rd Folder:

1. Whales Booklet: Cut out along the outer black line edges of the booklet and the six boxes. Make sure to cut the waves. Stack the boxes together, with a blank one on the back. Staple the stack to the inside left page (under the waves). You might want to look at the pictures on page 10 to get a better idea of what this one is supposed to look like.
2. Ichthyosaurs Booklet: Cut out along the outer black line edges of the booklet. Then fold along the vertical line so that the title is on the front.
3. Feeder Fish Booklet: Cut out along the outer black line edges of the booklet. Fold along the center horizontal line, so that the title is on the front.
4. Aquatic Herps Vocabulary Booklet: Cut out along the outer black line edges of the background page and the 4 smaller booklets. Fold each smaller booklet along its center line, so that the title of each is on the front. Then, glue all 4 booklets to the background page (2 on top, and 2 on bottom row). Then, fold horizontally, between the 2 rows, and keep the title showing. See picture on page 10.
5. Amazing Fact Booklet: Cut out along the outer black line edges of the booklet. Then fold along the vertical line so that the title is on the front.
6. Mosasaurs Booklet: Cut out along the outer black line edges of the booklet. Then fold along the vertical line so that the title is on the front.
7. Plesiosaurs Booklet: Cut out along the outer black line edges of the booklet. Then fold along the vertical line so that the title is on the front.
8. Four Oceans Booklet: Cut out along the outer black line edges. Then glue to a slightly larger piece of paper of a different color, creating a small border.

Back of 3rd Folder:

1. Venn Diagram Booklet: Cut out along the outer black line edges. Then glue to a slightly larger piece of paper of a different color, creating a small border.

Back of 2nd Folder:

1. Turtle Shell Booklet: Cut out along the outer black line edges. Then glue to a slightly larger piece of paper of a different color, creating a small border.



Swimming *Creatures of the Fifth Day* Lessons 1 – 5 Lapbook Teacher's Guide

Here, you'll find information to supplement your study. Jeannie Fulbright's book is so wonderfully filled with knowledge and wisdom. All of the information needed to complete all of the booklets can be found on the pages of her book. Below, I will tell you which pages hold specific "answers." Also, you'll find many other sites listed, where you may want to go for extra information, coloring pages, games, crafts, and ideas to extend your study.

Lesson 1:

- Plankton Booklet: Answers found on pages 3-4
- Filter Feeder Booklet: Answers found on page 5
- Four Oceans Booklet: Answers found on pages 10-11
- Lessons 1-3 Vocabulary Booklet: Answers found throughout Lessons 1, 2, and 3.
- Zones of the Ocean Floor Booklet: Answers found on pages 12 - 13
- Currents & Tides Booklet: Answers found on pages 6 -10

Additional Resources for Lesson 1:

- * Design a plankton:
<http://www.maine.gov/dep/blwq/docteacher/lessons/plankton.htm>
- * Lots of information for older students:
<http://tidesandcurrents.noaa.gov/education.html>

Lesson 2:

- Whales Booklet: Answers found on pages 19 - 39
- Whale Moves Booklet: Answers found on pages 23 - 24
- Dolphins Booklet: Answers found on pages 27 - 30

Additional Resources for Lesson 2:

- * Great site for studying whales :
http://www.defenders.org/wildlife_and_habitat/wildlife/whale.php#
- * Whale Word Search:
<http://www.akidsheart.com/animals/sea/whalews.htm>
- * Whale videos and sounds:
<http://kids.nationalgeographic.com/kids/animals/creaturefeature/orca/>

Lesson 3:

- Pinnipeds Booklet: Answers found on pages 41 - 53
- Sea Cows Booklet: Answers found on pages 50 - 53
- (((Don't forget to work on your Lessons 1 – 3 Vocabulary Booklet!)))

Continue ON.....



Additional Resources for Lesson 3:

- * Walrus craft: <http://www.first-school.ws/activities/alpha/w/walrus.htm>
- * Manatee Information: <http://www.savethemanatee.org/manfacts.htm>
- * More Manatee Information: <http://www.kidsplanet.org/factsheets/manatee.html>, <http://www.manatees.net/>
- * Walrus song and lesson: <http://www.swbg-adventurecamps.com/just-for-teachers/classroom-activities/k-3/classroom-activities-lfaw.htm>
- * Walrus Videos: <http://news.nationalgeographic.com/news/2006/05/walrus-video-1.html>

Lesson 4:

- Aquatic Herps Vocabulary Booklet: Answers found on pages 55 - 56
- Types of Turtles Booklet: Answers found on pages 61 - 64
- Sea Snakes Booklet: Answers found on pages 64 – 67
- Venn Diagram – Aquatic frogs, toads, and salamanders Booklet: Answers are on pages 68 - 71

Additional Resources for Lesson 4:

- * Aquatic Frogs & Toads:
http://www.worldalmanacforkids.com/WAKI-ViewArticle.aspx?pin=wwwwak-096&article_id=28&chapter_id=1&chapter_title=Animals&article_title=Frogs_And_Toads
- * Sea Snakes Info: <http://www.kidzone.ws/lw/snakes/facts-seasnake.htm>
- * Sea Turtle word search: http://www.ccturtle.org/java/turtle_wordsearch.htm

Lesson 5:

- Nothosaurs Booklet: Answers found on pages 75 - 76
- Mosasaurs Booklet: Answers found on pages 76 - 78
- Plesiosaurs Booklet: Answers found on pages 78 - 81
- Ichthyosaurs Booklet: Answers found on pages 82 - 84
- The Great Deluge Booklet: Answer found on page 84

Additional Resources for Lesson 5:

- * Great site on marine reptiles : <http://home.alphalink.com.au/~dannj/marine.htm>
- * Story of The Great Flood: <http://www.christiananswers.net/godstory/flood1.html>

General Resources:

FREE ONLINE VIDEOS

- * http://www.mbayaq.org/efc/video_library/video_library.aspx

WOW! Entire pdf Activites Book!

- * http://www.mbayaq.org/lc/teachers_place/resources_seasearchers.asp

Continue ON.....



GENERAL Helpful Information Online, continued:

Too many goodies to mention on these sites!

- * <http://www.mbayaq.org/lc/>
- * <http://www.yoto98.noaa.gov/kids.htm>
- * <http://www.fi.edu/fellows/fellow8/dec98/art.html>
- * <http://www.marinematters.org/education/year1.html>

***Coloring Pages:**

- http://www.nationalgeographic.com/coloringbook/sea_turtles.html
- <http://www.yoto98.noaa.gov/books/seaturtles/seatur5.htm>
- http://sofia.usgs.gov/virtual_tour/kids/coloring/index.html

***Online Games**

- http://www.bbc.co.uk/sn/prehistoric_life/games/seamonsters/
- <http://www.woodlands-junior.kent.sch.uk/Games/studentsite/jonah/index.html>
- <http://www.funny-games.biz/flippedout.html>

Lesson 1

Plankton

Zooplankton:

Phytoplankton:

Lesson 1

Suggested paper
color: blue

Four Oceans of the World



Lesson 1

