

Teacher Supplement



**GOD'S
DESIGN®**

Animals
for Beginners

Teacher Introduction

Welcome to God's Design Science for Beginners! God's Design for Life includes *Plants*, *Animals*, and *Human Body*. Each set includes a student textbook and a teacher supplement.

The student textbook is broken up into six units of several lessons each, 35 lessons total. Each lesson includes a section to read, vocabulary words to trace, review questions, and one or more activities, which may be a pen-on-paper activity, a Scripture verse to trace, or a hands-on experiment. Each unit concludes with a vocabulary review.

The teacher supplement includes the answer keys for any puzzles, answers to the review questions, and additional activities and experiments you can do with your student. We greatly encourage you to do as many additional activities and experiments as possible, since children learn more and retain more when they are actively engaged with the material.

The supply list for each lesson is on the back cover of this teacher supplement. Be sure to consult this and gather the supplies you'll need in advance.

There is no set timeline for completing each book. You can decide how many days each week you want to do science. We suggest that you review previous lessons often to help your student retain the information they've learned.

We hope that you have a wonderful time of discovery as you explore the wide variety of animals that God created!

Unit 1—Mammals

Lesson 1—World of Animals

ANSWER KEY

What are some of your favorite animals?

Answers will vary.

What animals would you like to learn about? *Answers will vary.*

Lesson 2—Learning about Animals

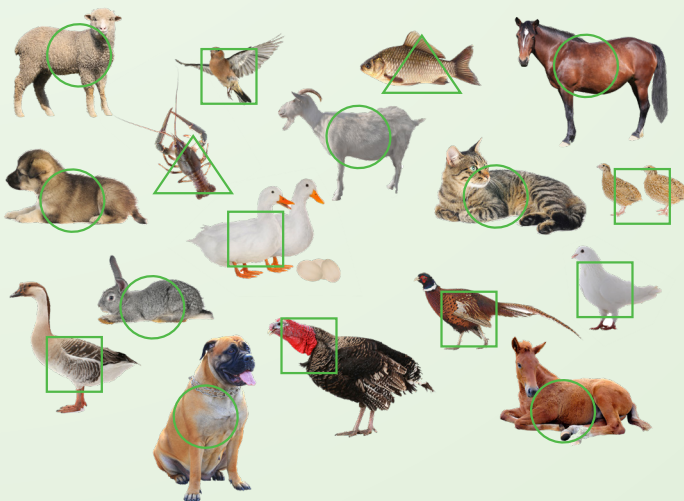
ANSWER KEY

What are some things that animals have in common? *Some possible answers are: they all eat, grow, move, have babies. God made them all!*

How are animals different from one another? *Some possible answers are: they are different colors and sizes, they eat different foods, they live in different areas, some have hair while others have scales or feathers.*



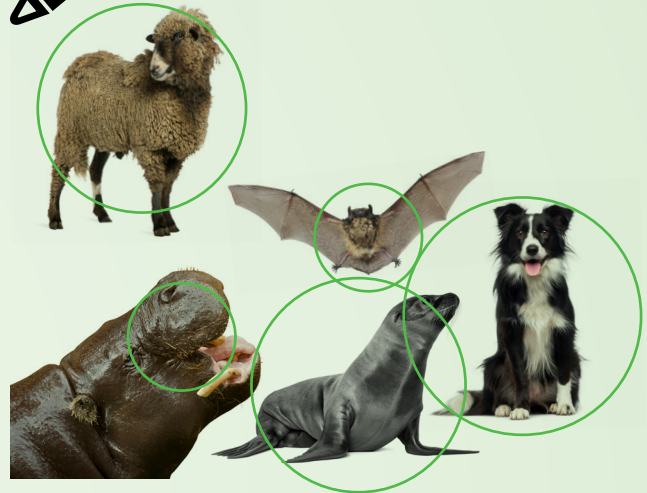
SAME AND DIFFERENT



Lesson 3—What Is a Mammal?



MAMMALS HAVE FUR



PLAY-DOUGH MAMMAL

Create your own fur mammal with play-dough. Have child verbally share his or her new creation.

ANSWER KEY

What other animals can you think of that have fur or hair? *Answers will vary.*

What do mammals feed to their babies? *Milk.*

Lesson 4—Land Mammals

ANSWER KEY

Can you name a really large mammal?

Possible answers include: giraffe, elephant, bear, rhinoceros, buffalo, horse, cow.

Can you name a really small mammal?

Possible answers include: mouse, hamster, rat, gerbil, bat, chinchilla, shrew, mole.

Unit 1 – Mammals

Lesson 5—Monkeys & Apes



MONKEY SILLY SONG

Go to YouTube and watch the “Veggie Tales: Monkey Silly Song” to learn that monkeys have tails and apes do not. (youtube.com/watch?v=i4EDEKYERto).

ANSWER KEY

What do all monkeys have that apes do not? *A tail.*

What do monkeys typically eat? *Fruits, flowers, and insects.*

Lesson 6—Water Mammals

ANSWER KEY

Have you ever seen a dolphin? What about a manatee or a whale? *Answers will vary.*

How are whales different from fish? *Whales have hair, breathe air with lungs, have a blow hole, give birth to live babies, feed milk to their babies. Fish have scales, breathe water through gills, lay eggs.*



EATING LIKE A WHALE

Some whales have teeth like you do. But other whales have small bristles across their mouths. They do not bite their food. They use these bristles to trap tiny animals. You can pretend you are a whale and eat like they do. Have your mom chop up a carrot or some nuts. Put the food into a glass of water. The bristles on your toothbrush are similar to the bristles in a whale’s mouth.

Hold your toothbrush over an empty cup. Pour the water and food mixture over your toothbrush. Some of the food will get trapped in the bristles. Put the toothbrush in your mouth and use your tongue to remove the food. Now you are eating like a whale.

Lesson 7—Marsupials



COUNT THE MARSUPIALS

How many marsupials did you find? 13

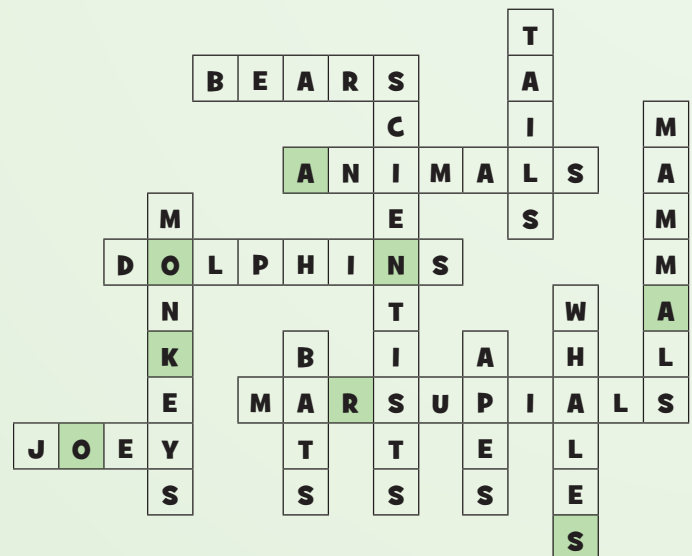
ANSWER KEY

What is special about a marsupial? *It has a pouch where the baby develops.*

Can you name three marsupials? *Kangaroo, koala, Tasmanian devil, and opossum are mentioned in the lesson. Other marsupials include wallabies, wombats, and gliders.*



Unit Vocabulary Review



Special animal: *Kangaroo*