

# EDUCATIONAL ACTIVITY PACK

## THE SECRET EXPLORERS

A NEW CHAPTER BOOK SERIES FROM DK

THIS SECRET TEAM OF KID-EXPERTS FIXES PROBLEMS, SOLVES MYSTERIES, AND GATHERS KNOWLEDGE ALL OVER THE WORLD. WHENEVER THEIR HELP IS NEEDED, A COMPASS APPEARS ON A DOOR. THEY STEP THROUGH TO THE EXPLORATION STATION AND RECEIVE THEIR MISSION.

**"WHILE BASED ON HARD SCIENCE, IT HAS JUST ENOUGH MAGIC TO MAKE THESE ADVENTURES COME ALIVE."**

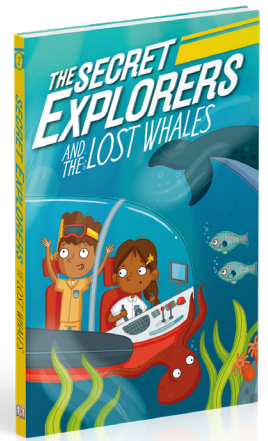
—NETGALLEY REVIEWER

**"A HOME RUN IN OUR HOUSE!"**

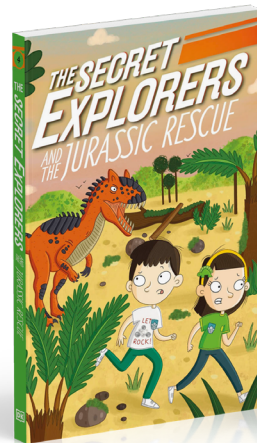
—NETGALLEY REVIEWER



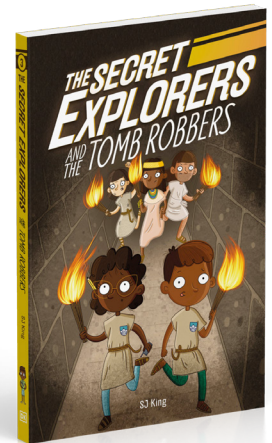
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**"[A] PERFECT MIXTURE OF AN ACTION STORY, SCIENCE, AND FRIENDLY, DIVERSE CHARACTERS."**

—NETGALLEY REVIEWER

# JOIN THE CLUB!

COME UP WITH YOUR OWN CHARACTER TO JOIN THE SECRET EXPLORERS. WHAT'S THEIR NAME? WHERE ARE THEY FROM? WHAT SUBJECT ARE THEY AN EXPERT IN? WRITE A SHORT DESCRIPTION OF YOUR SECRET EXPLORER BELOW, AND DRAW A PICTURE TO SHOW WHAT THEY LOOK LIKE.

**NAME:** \_\_\_\_\_

**HOME COUNTRY:** \_\_\_\_\_

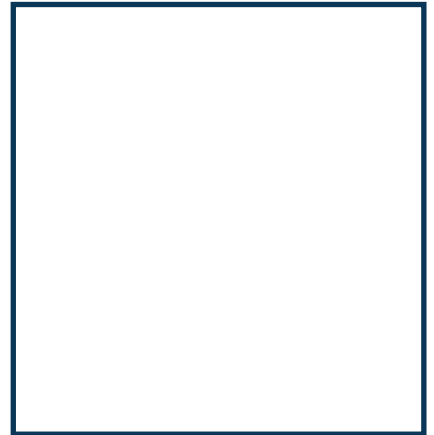
**KNOWS ALL ABOUT:** \_\_\_\_\_

\_\_\_\_\_

**PERSONALITY/INTERESTS:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



## MAKE A MISSION

THE SECRET EXPLORERS USE THEIR KNOWLEDGE TO SOLVE PROBLEMS ALL OVER THE WORLD. WHAT PROBLEMS, EITHER REAL OR MADE UP, WOULD YOUR CHARACTER BE ABLE TO HELP SOLVE? WHERE WOULD THEY GO, AND HOW WOULD THEY FIX IT? WRITE A SHORT DESCRIPTION HERE!

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# TRUE OR FALSE?

THE EARTH'S CLIMATE IS GETTING WARMER—WHICH IS BAD NEWS FOR THE OCEANS. RISING TEMPERATURES AFFECT THE LIFE CYCLES OF CERTAIN SEA CREATURES, BUT WE CAN HELP SAVE THEM. GET THE FACTS BY ANSWERING EACH OF THE FOLLOWING QUESTIONS CORRECTLY.

THE GREENHOUSE EFFECT IS WHAT HAPPENS WHEN GASES LIKE CARBON DIOXIDE AND METHANE STOP HEAT FROM LEAVING THE EARTH'S ATMOSPHERE.

## TRUE OR FALSE

SOME CAUSES OF GLOBAL WARMING INCLUDE BURNING FOSSIL FUELS SUCH AS COAL AND GAS, CUTTING DOWN TREES, AND RAISING LIVESTOCK, SUCH AS COWS.

## TRUE OR FALSE

WARMING SEAS AND INCREASED AMOUNTS OF CARBON DIOXIDE AND POLLUTION IN THE WATER ARE DESTROYING CORAL REEFS. THIS LEADS TO THE LOSS OF MANY FISH AND OTHER ANIMALS.

## TRUE OR FALSE

MILLIONS OF TONS OF PLASTIC END UP IN OUR OCEANS EACH YEAR. OCEAN ANIMALS CAN ACCIDENTALLY EAT TINY BITS OF PLASTIC IN THE WATER, OR GET CAUGHT IN THE GARBAGE.

## TRUE OR FALSE

## FACE THE FACTS

SADLY, ALL THE STATEMENTS ABOVE ARE TRUE, AND THEY ALL IMPACT LIFE IN THE SEA. BUT YOU HAVE THE POWER TO HELP PRESERVE OCEAN HABITATS! NAME ONE CHANGE YOU CAN MAKE TO HELP THE OCEAN BECOME LESS SAD. (HINT: YOU COULD COLLECT TRASH ALONG THE BEACH OR GET INVOLVED WITH AN ENVIRONMENTAL PROTEST.)

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# COSMIC COLORING

OUR SOLAR SYSTEM IS FULL OF INCREDIBLE PLANETS. WHICH PLANET IS YOUR FAVORITE? DRAW A PICTURE OF IT—AND COLOR IT IN ACCURATELY—BELOW, AND LIST TWO COOL FACTS ABOUT IT.

PLANET: \_\_\_\_\_

COOL FACTS: \_\_\_\_\_

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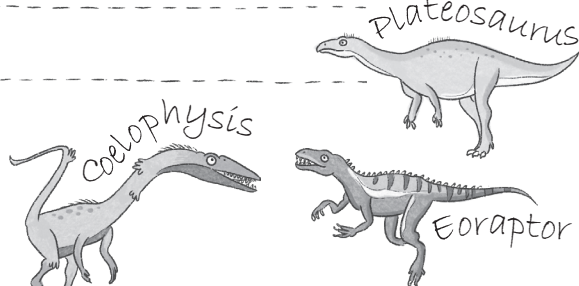
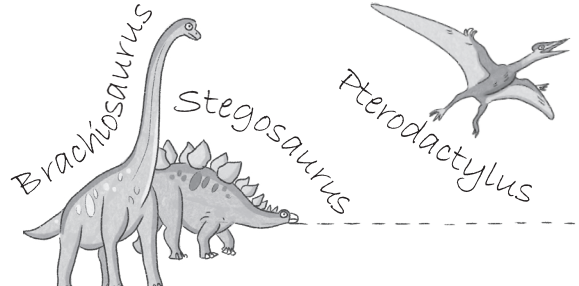
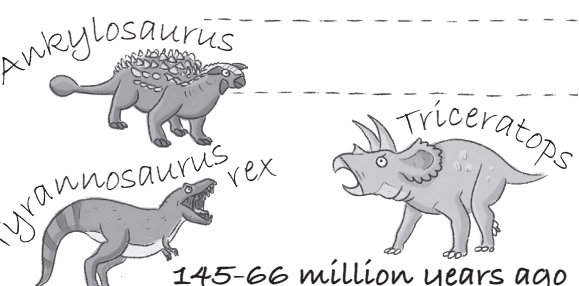
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# DINOSAUR TIMELINE

DINOSAURS DOMINATED THE EARTH DURING THREE DISTINCT TIME PERIODS: THE TRIASSIC, JURASSIC, AND CRETACEOUS. IN THE CHART BELOW, FILL IN THE NAME OF EACH TIME PERIOD BY LOOKING AT THE DINOSAURS IN EACH BOX. THEN CHECK THE ANSWER KEY AT THE BOTTOM OF THE PAGE.

 <p>Coelophysis</p> <p>Plateosaurus</p> <p>Eoraptor</p> <p>250-200 million years ago</p>
 <p>Brachiosaurus</p> <p>Stegosaurus</p> <p>Pterodactylus</p> <p>200-145 million years ago</p>
 <p>Ankylosaurus</p> <p>Tyrannosaurus rex</p> <p>Triceratops</p> <p>145-66 million years ago</p>

ANSWERS: TOP) TRIASSIC; MIDDLE) JURASSIC; BOTTOM) CRETACEOUS



























For the curious

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# EGYPTIAN ALPHABET

THE ANCIENT EGYPTIANS USED A WRITING SYSTEM CALLED **HIEROGLYPHICS** TO SHARE INFORMATION. EACH OF THE SYMBOLS IN THIS CHART REPRESENTS A SPECIFIC LETTER OR SOUND. TAKE A LOOK AT THE SYMBOLS, THEN TRY WRITING OUT YOUR NAME USING HIEROGLYPHICS.



 <b>A</b> vulture	 <b>E I</b> feather	 <b>L</b> lion	 <b>Q</b> hill	 <b>Z</b> bolt
 <b>A</b> arm	 <b>F V</b> viper	 <b>M</b> owl	 <b>R</b> mouth	 <b>CH</b> tether
 <b>B</b> leg	 <b>G</b> pot	 <b>N</b> water	 <b>S</b> cloth	 <b>KH</b> sieve
 <b>C K</b> cup	 <b>H</b> wick	 <b>O U W</b> chick	 <b>T</b> loaf	 <b>SH</b> basin
 <b>D</b> hand	 <b>J</b> cobra	 <b>P</b> stool	 <b>Y</b> feathers	

YOUR NAME:



For the curious

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