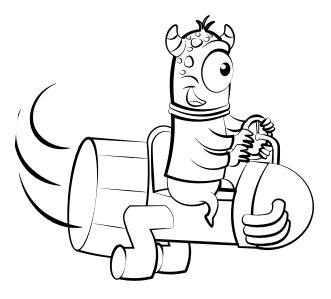




STORY BY RON NICHOLS

ILLUSTRATIONS BY

CAT BAILEY



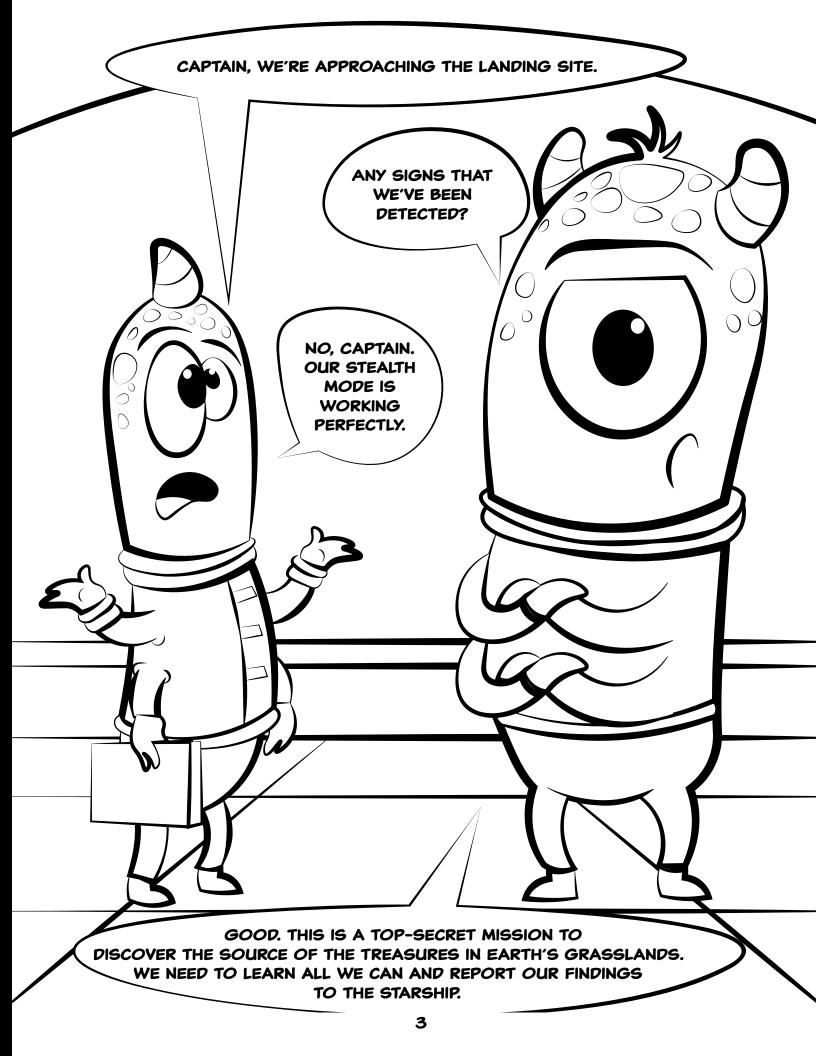
This material is based upon work supported by the Natural Resources Conservation Service, U.S. Department of Agriculture under agreement #NR226740XXXXC005.

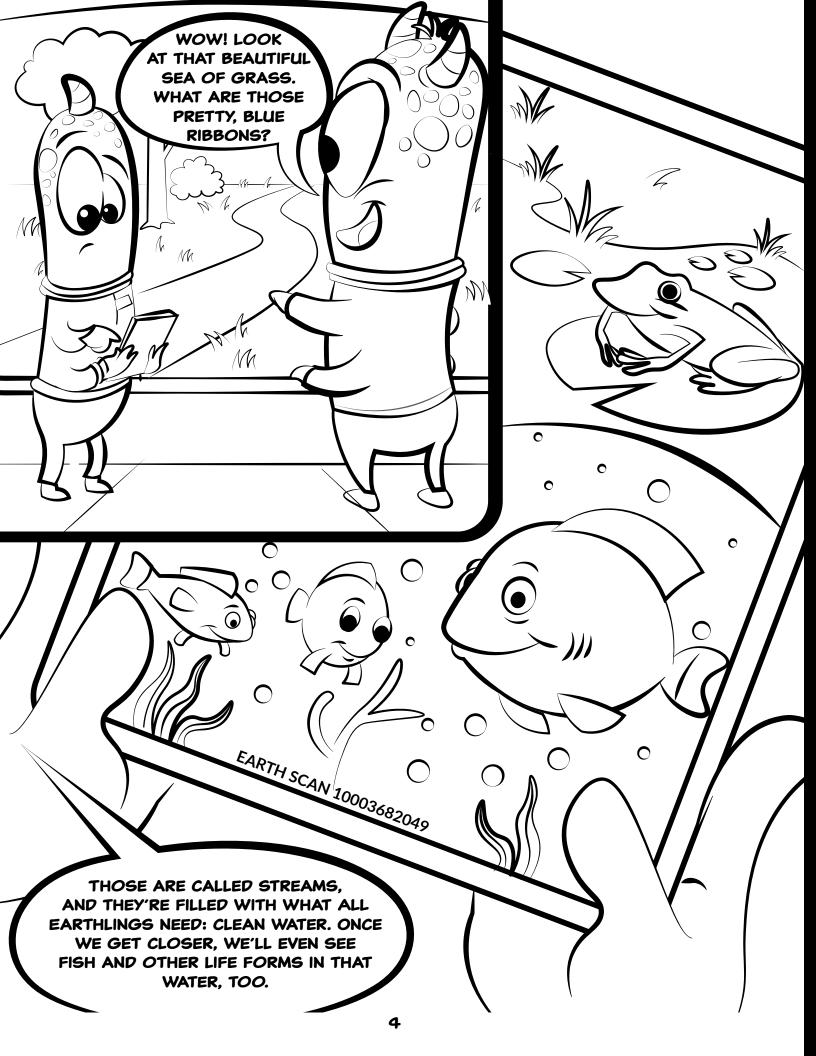


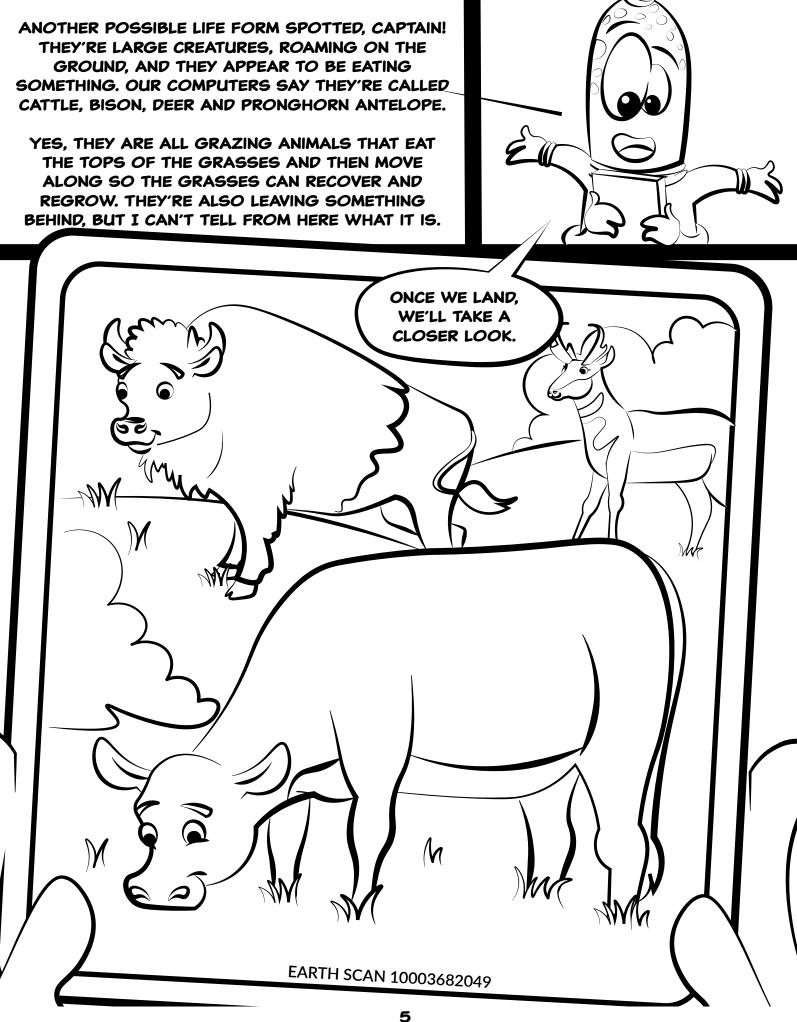


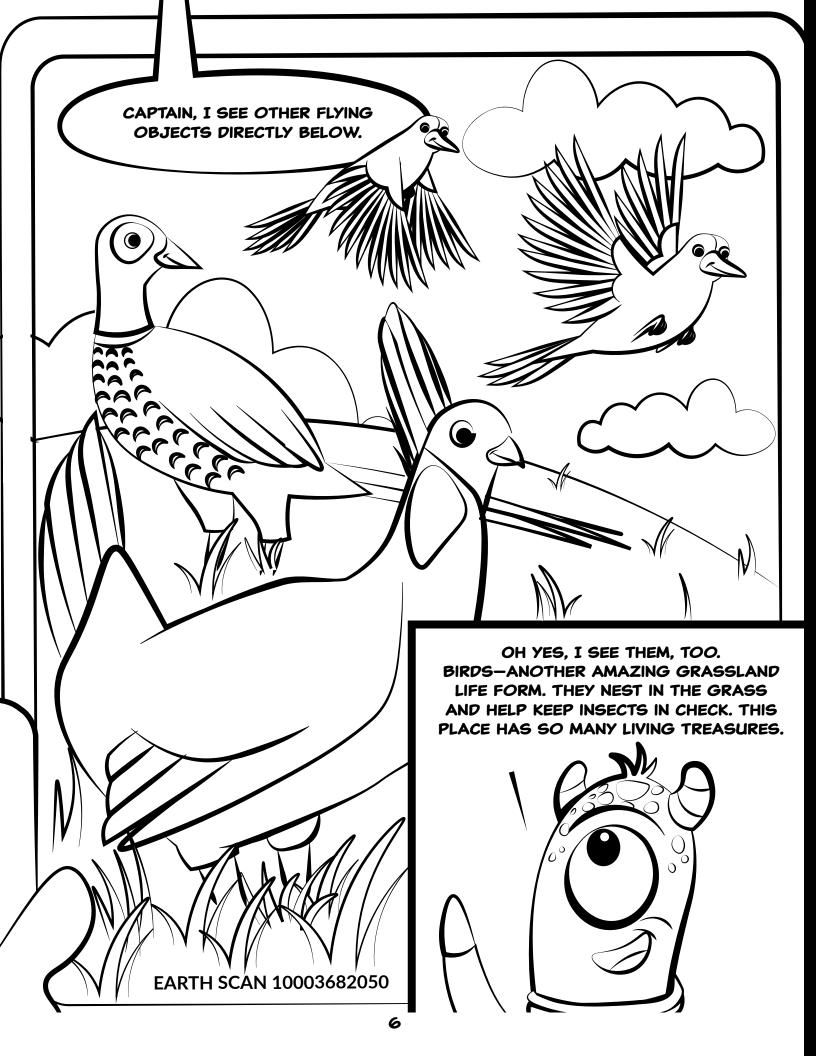


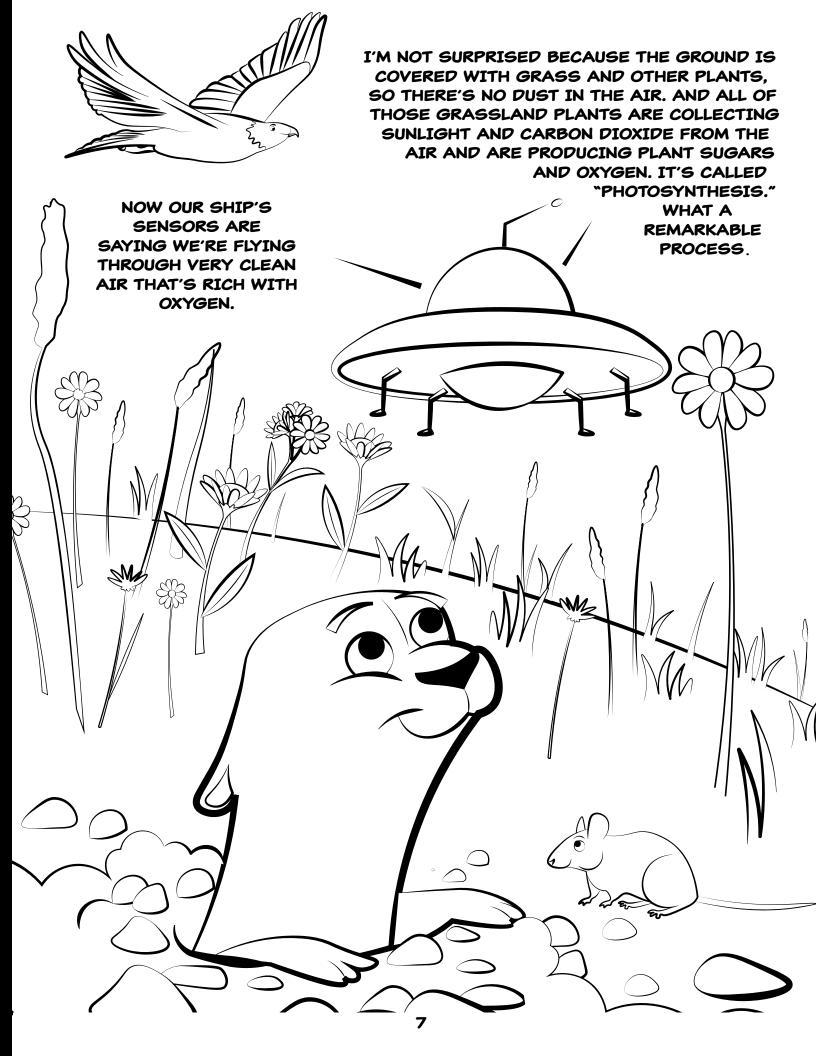


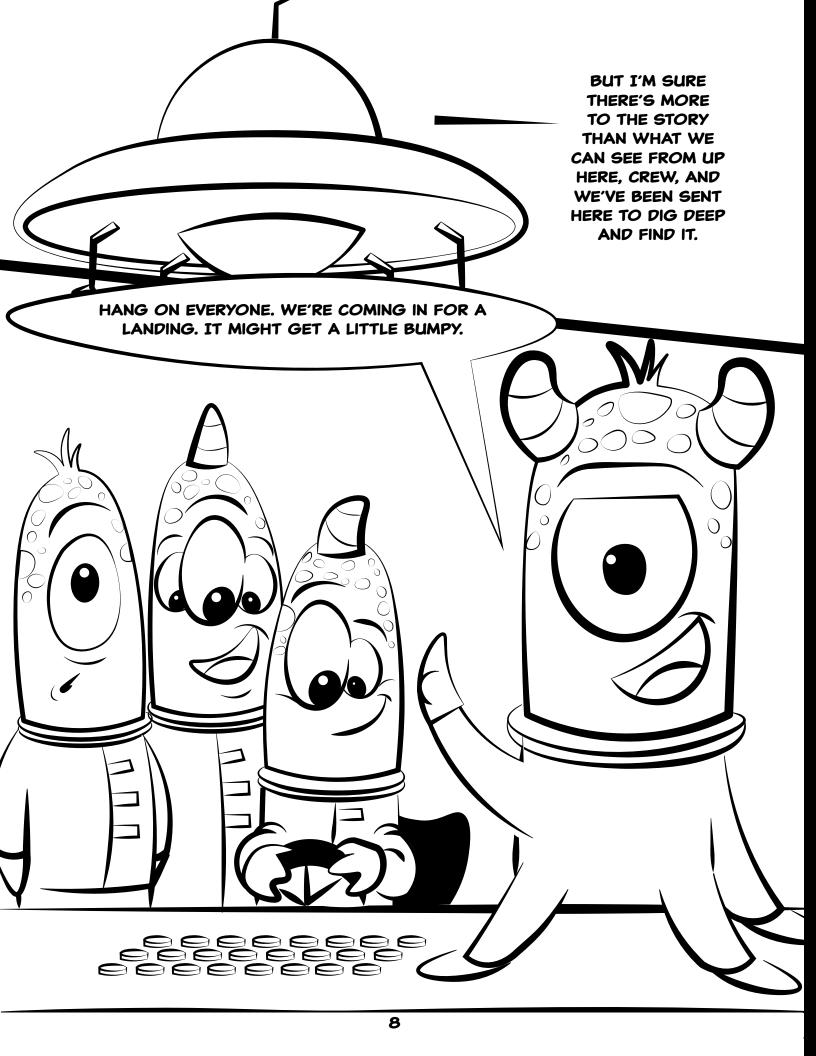


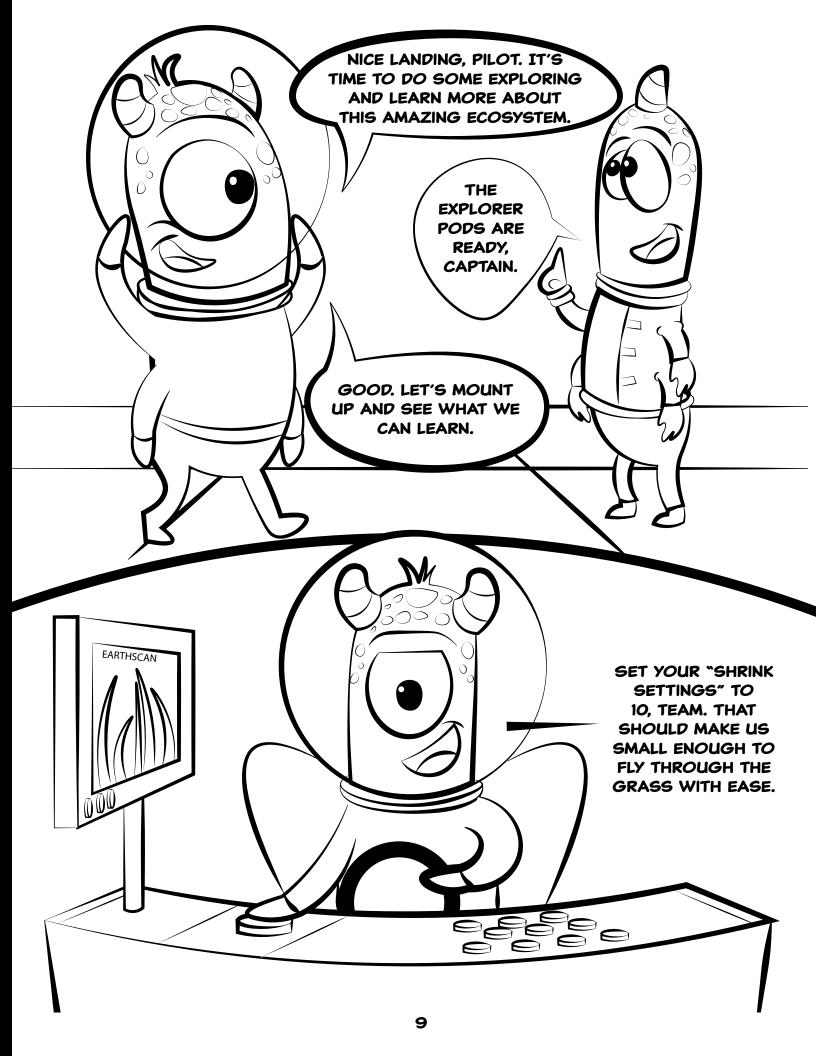




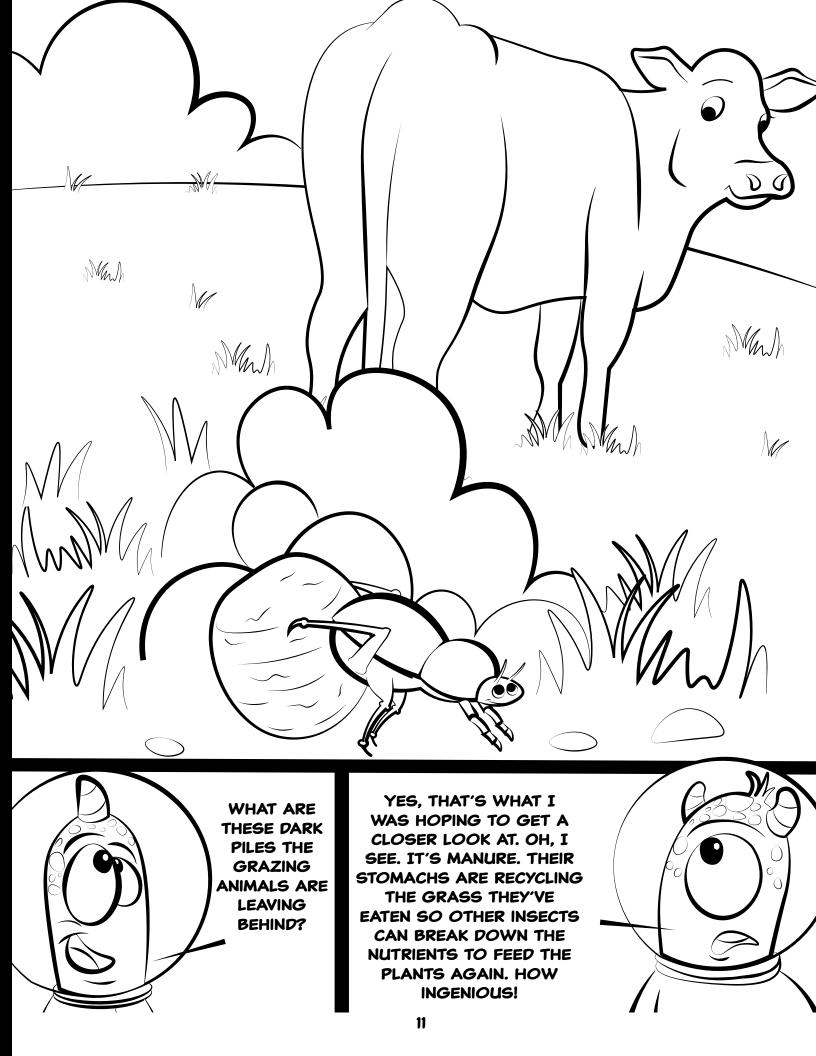


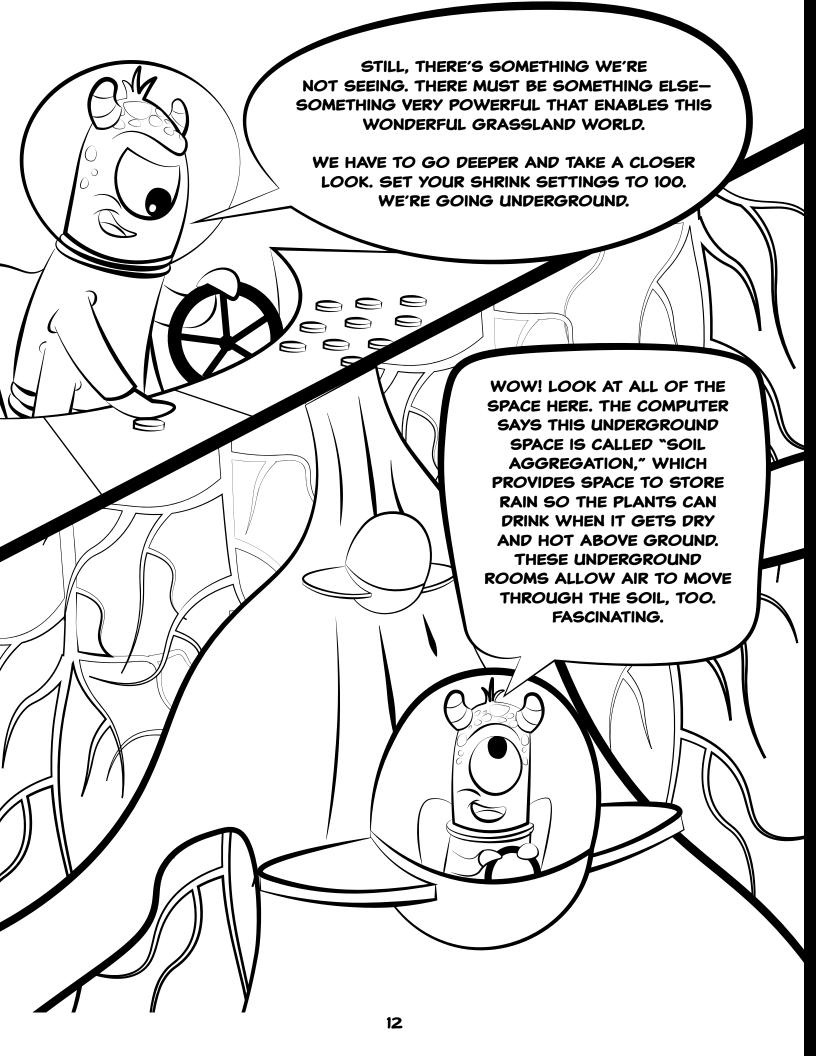






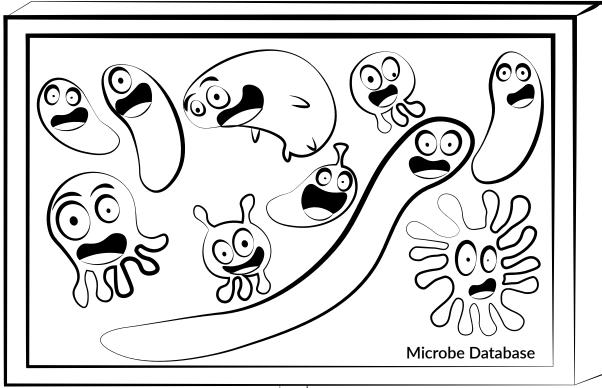






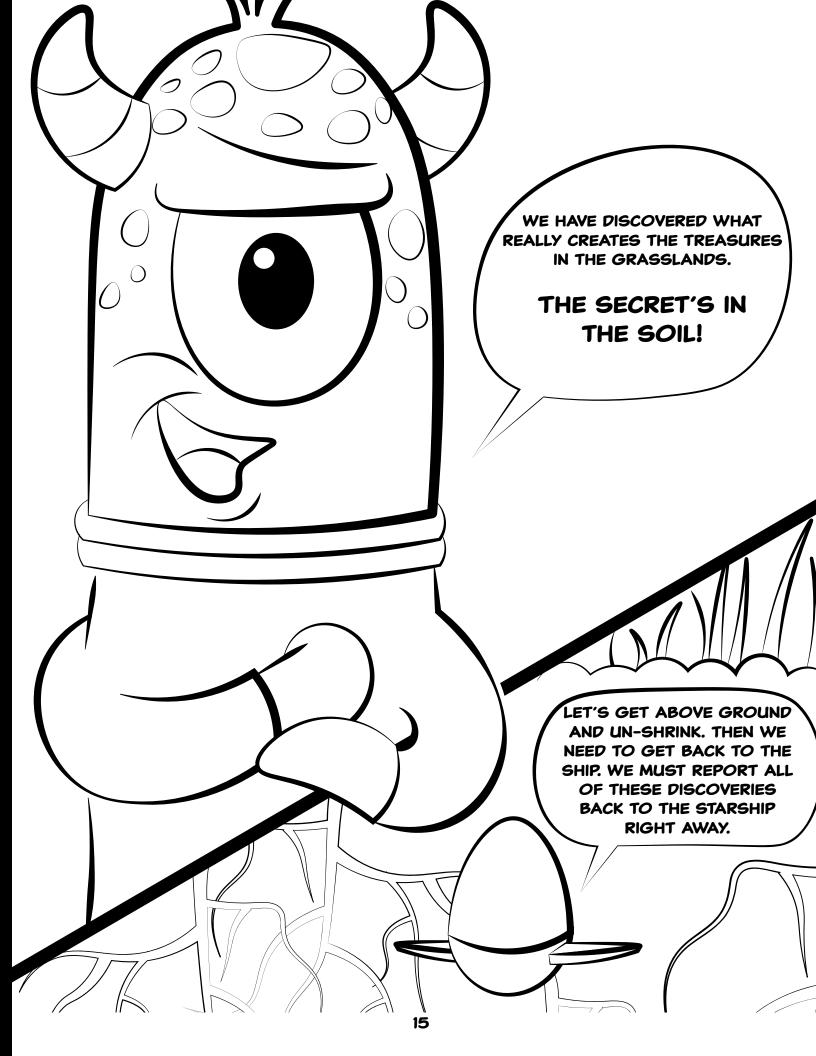


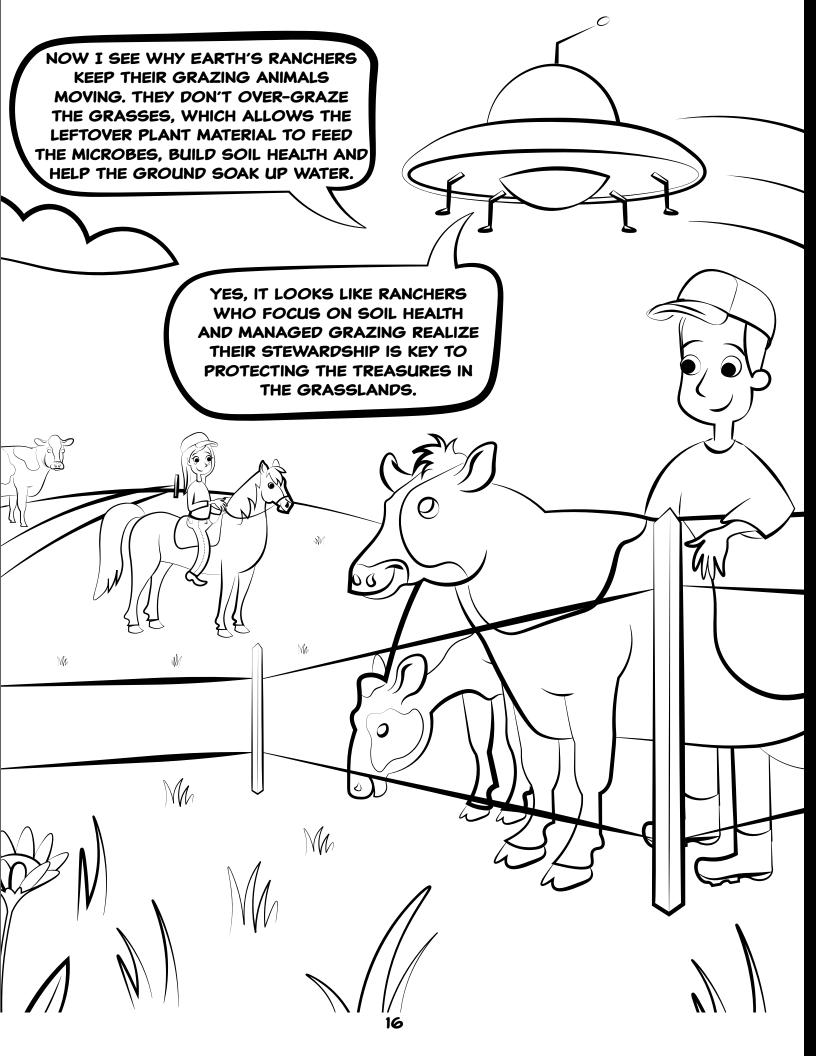


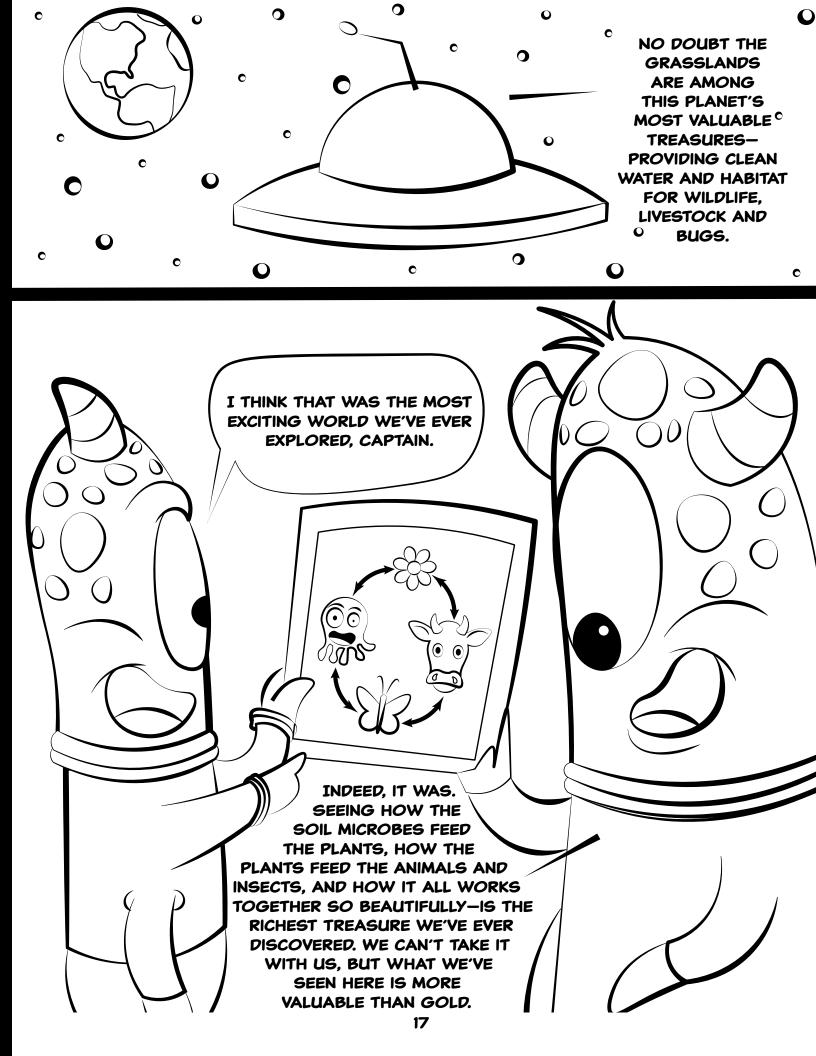


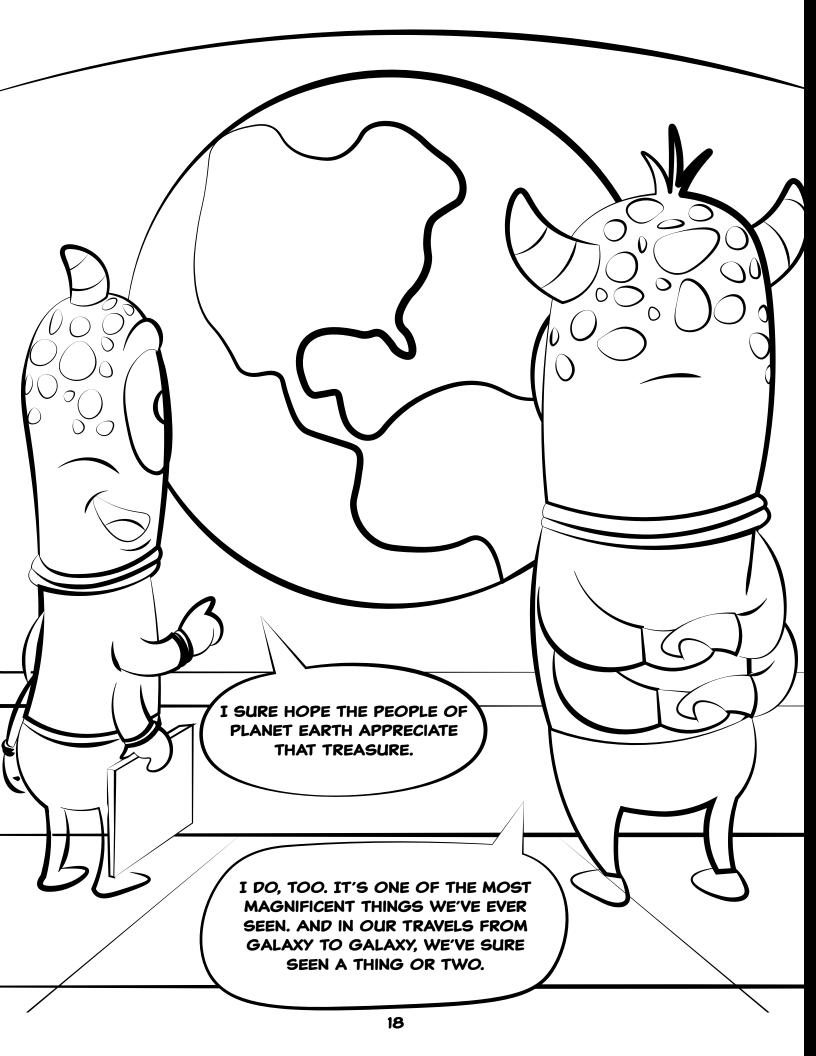
YES, THE DATABASE SAYS THEY ARE CALLED SOIL MICROBES. THE PLANTS FEED THEM BECAUSE THE MICROBES PROVIDE THE PLANTS WITH NUTRIENTS THE PLANTS CAN'T GET ON THEIR OWN. AND THOSE LITTLE CREATURES APPEAR TO BE RESPONSIBLE FOR BUILDING THE ROOMS WE SAW EARLIER—PROVIDING WATER STORAGE AND SPACE FOR THEMSELVES. THEY ARE TRULY AMAZING AND THERE ARE BILLIONS OF THEM.

YES, IT SEEMS THOSE LITTLE MICROBES ARE KEY TO POWERING THIS UNDERGROUND WORLD— AND THE LIFE ABOVE IT.









GREETINGS PEOPLE OF THE EARTH!

I HOPE YOU HAVE ENJOYED EXPLORING,
DISCOVERING, COLORING THE GRASSLANDS' MANY
TREASURES, AND LEARNING ALONG WITH US, HOW
THIS REMARKABLE ECOSYSTEM CREATES SO MANY
BENEFITS FOR PLANTS, INSECTS, ANIMALS, RANCHERS
AND ALL OF EARTH'S PEOPLE.

AFTER OUR GREAT ADVENTURE, AND UPON RETURNING TO OUR STARSHIP, WE WERE SADDENED TO LEARN THAT MANY THOUSANDS OF ACRES OF GRASSLANDS ARE LOST EACH YEAR AS SOME LANDOWNERS PLOW THEM UP TO PLANT OTHER CROPS. WE ALSO LEARNED THAT SOME GRASSLAND ACRES ARE NOT PROPERLY CARED FOR, LEADING TO PLANTS BEING OVERGRAZED AND TO THE GROWTH OF WOODY PLANTS. THESE ARE AMONG THE REASONS IT IS THE MOST THREATENED ECOSYSTEM IN NORTH AMERICA.

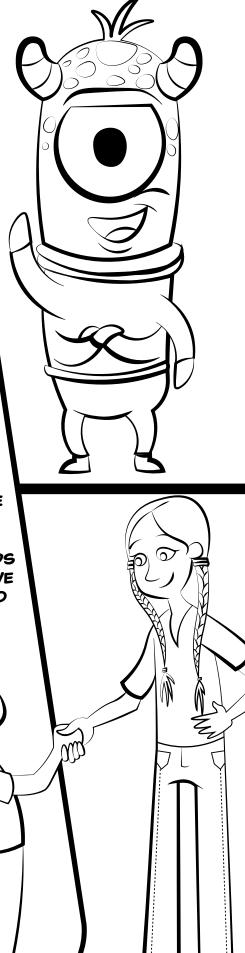
BUT THERE IS GOOD NEWS. REMEMBER THE SOIL
MICROBES WE DISCOVERED? AND REMEMBER HOW WE
LEARNED THOSE TINY MICROBES BELOW GROUND
ENABLE ALL THE LIFE ABOVE IT? WELL, A GROWING
NUMBER OF RANCHERS ARE PROTECTING GRASSLANDS
BY MANAGING THEIR LIVESTOCK IN WAYS THAT IMPROVE
SOIL HEALTH. AS THEY IMPROVE SOIL HEALTH, THEY ALSO
IMPROVE THE HEALTH OF THE PLANTS, INSECTS,

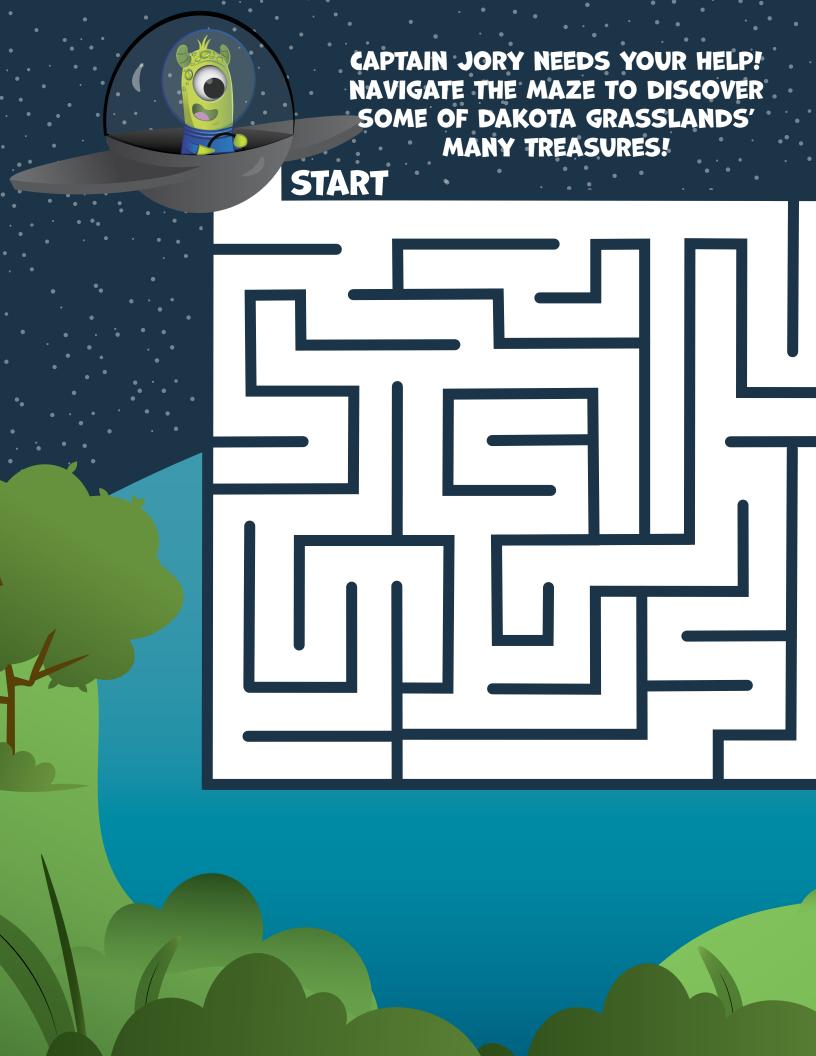
UVESTOCK AND WILDLIFE, AND THEY IMPROVE WATER AND AIR QUALITY, TOO, ALL WHILE GROWING THE FOOD WE NEED AND ENJOY.

IN A WAY YOU MIGHT SAY THESE RANCHERS
ARE THE REAL PROTECTORS OF EARTH'S
GRASSLAND TREASURES. SO, IF YOU EVER GET
A CHANCE TO MEET ONE, BE SURE TO TELL THEM
"THANK YOU" FOR ALL OF US (INCLUDING MY
SPACE EXPLORER CREW AND ME). AND THANK
YOU FOR LEARNING MORE ABOUT THIS AMAZING
ECOSYSTEM AND FOR TELLING YOUR FAMILY AND
FRIENDS ALL YOU HAVE LEARNED ABOUT THE
TREASURES IN THE GRASSLANDS.

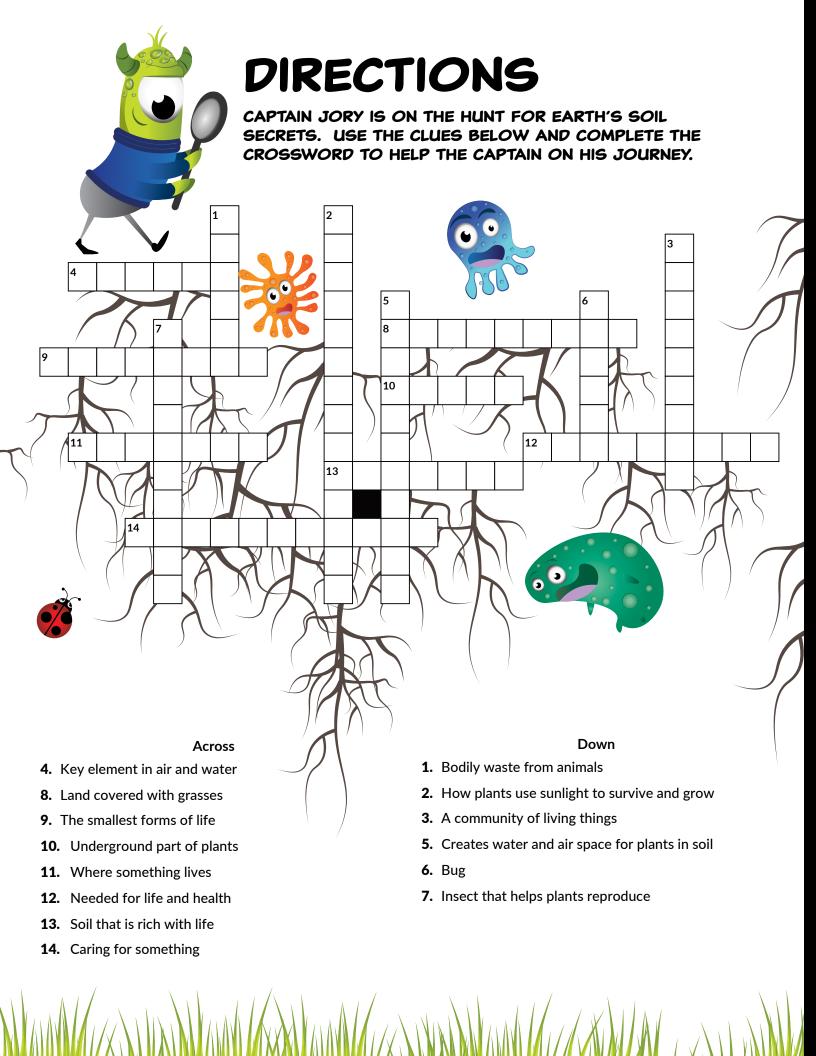
SINCERELY,
SPACE EXPLORER CAPTAIN

P.S. TO LEARN EVEN MORE, BE SURE TO VISIT THE WEBSITE WWW.WHEREGOODTHINGSGROW.ORG.











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