

HEDGEHOG



LAPBOOK

Lessons

Vocabulary

Nocturnal- active at night

Solitary- likes to be alone

Keratin-a protein found in hair, claws, nails, horns and hooves

Insectivores-mainly eats insects

Omnivores-eating both meat and vegetation

Hibernate-to pass the winter in a dormant (sleep-like) state

Aestivate-to pass the summer in a dormant state

Complete vocabulary flap.

Younger option: write in words

Older option: write in definitions

Book List and Hedgehogs in Literature

The Mitten by Jan Brett

The Hat by Jan Brett

Hedgie's Surprise by Jan Brett

Hedgie Blasts Off! by Jan Brett

The Tale of Mrs. Tiggy-Winkle by Beatrix Potter

One Winter's Day by M. Christina Butler

Snow Friends by M. Christina Butler

One Snowy Night by M. Christina Butler

Hedgehog for Breakfast by Ann Turner

Durry Quill is a hedgehog in the Redwall series by Brian Jacques. There are also other hedgehogs in the series. This series is for older kids.

Complete book log.

General Information Hedgehogs are small, spiny animals. Their name comes from Middle English: “heyg meaning hedge because it frequents hedgerows” and “hog” because of its snout. Hedgehogs are insectivores (they mainly eat insects). They

aren't related to porcupines even though they may have a similar appearance. They are related however, to shrews, moles and tenrecs. Hedgehogs have large eyes, but poor eyesight. They do possess a keen sense of smell. They have quills that are soft at birth and harden after birth. Most hedgehogs have around 5,000 quills/spines.

Put your favorite facts in the "Did You Know?" matchbooks.

Classification

Kingdom Animalia
Phylum Chordata
Class Mammalia
Order Insectivora

There are four classifications (genera) of hedgehogs: Eurasian and European hedgehogs, African hedgehogs, desert hedgehogs, and Long-eared hedgehogs. There are a total of 14 different species.

Complete classification accordion.

Diet Their diet in the wild consists of beetles, ants, termites, grasshoppers, moths, centipedes, and earthworms. Although they are classified as insectivores...they can be omnivores eating also grass and berries. If they live in captivity they can eat dry cat food, ferret food, cooked poultry and cooked egg. Complete diet pull-tabs.

Range Hedgehogs are native to the British Isles, Asia, Africa and Europe. They have been introduced into New Zealand. Hedgehogs that are kept as pets are normally the African White-bellied Hedgehog. Complete file folder mini book and add it to your lapbook.

Defenses (quills) A hedgehog's main defense are its quills (or spines) which are actually hairs that are made stiff with keratin. Each animal has about 5,000 quills. Unlike the quills of porcupines, hedgehog quills can't be easily removed. However, spines normally come out when a baby sheds them and gets its adult spines. The quills are not solid, but rather hollow with air chambers inside.

When a hedgehog is threatened it will roll into a ball with its quills facing outward. If something touches the hedgehog, it will jump upward or charge forward a bit to stick its attacker with its quills. Hedgehogs will make a hissing or clicking sound when an attacker comes close. A hedgehog will put down its spines when it feels content. Hedgehogs in captivity can become so trusting that they allow their owners to hold them and they won't raise their spines.

A hedgehog's (depending on the species) predators are birds of prey, jackals, wolves, and wild dogs. The predators must be able to penetrate the quills which is highly unlikely. The hedgehog's number one threat has become the car. Many are killed on roads. Complete Defense/Quills Simple Folds.

Behavior Hedgehogs are nocturnal and solitary. They tend to avoid each other at night while looking for food. They only come together during mating. Hedgehogs like dark, cool holes to sleep and raise their young. They don't dig these holes, but rather use an abandoned hole of another animal or a shallow depression in the ground. The European species may hibernate in the winter and the African species may aestivate in the hot, dry season.

Hedgehogs have a strange behavior called *self-anointing*. Scientists are not sure why they do this. Self-anointing is when hedgehogs lick things with their tongues until foam comes out of their mouths. Then they twist their heads around to smear the foam on their spines.

Complete hedgehog home book.

Complete behavior layer book.

Younger option: cut and paste information.

Older option: writing lines

Reproduction and families

There are no separate names for the males and females. However, young hedgehogs are called hoglets or pups. Groups of hedgehogs are called herds, even though they don't really live in herds. The female raises the pups. A female hedgehog's pregnancy lasts about 35-58 days and she can have a litter up to 9

babies (four babies is the average). Babies are born with soft quills and closed eyes. The quills harden soon after birth. The eyes open in 14 to 16 days. Hedgehogs tend to live 4-6 years.

Complete hoglets tri-fold.

Hedgehogs in Culture


Groundhog Day originated in ancient Rome as Hedgehog Day. There are no native hedgehogs in the United States, so the early settlers chose the groundhog as a substitute because their behavior is similar to the hedgehog.

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Cut out book as one piece. Cut on solid lines. Fold on dotted.

active at night		<h1>New Words</h1> 
likes to be alone		
a protein found in hair, claws, nails, horns and hooves		
mainly eats insects		
eating both meat and vegetation		
to pass the winter in a dormant (sleep-like) state		
to pass the summer in a dormant state		

Cut out book as one piece. Cut on solid lines. Fold on dotted.

Nocturnal		<h1>New Words</h1> 
Solitary		
Keratin		
Insectivores		
Omnivores		
Hibernate		
Aestivate		

Glue to back of next strip

Phylum

Kingdom

Classification



Cut out two strips. Glue as indicated. Fold like an accordion and paste back of last page to your lapbook.

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Order

Class

Range



☐ British Isles

☐ Asia

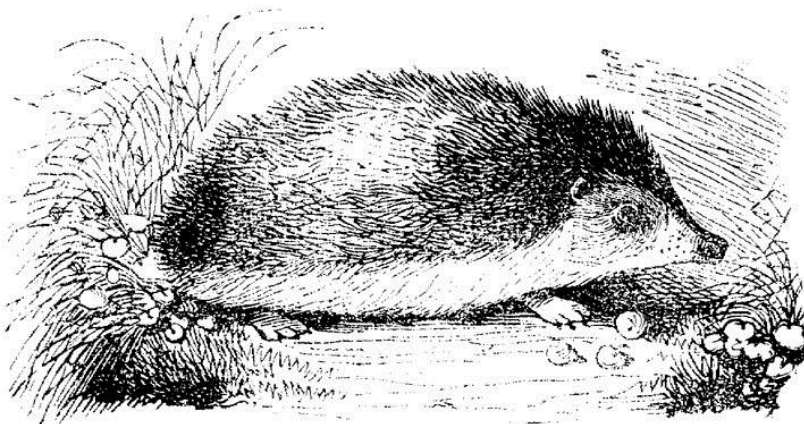
☐ Europe

☐ Africa

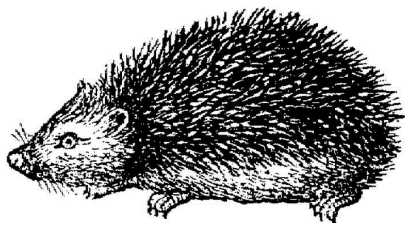
Cut out file folder as one piece. Fold in half. Color the square next to British Isles any color you choose. Color the British Isles on the map with the same color. Choose a different color for Asia and repeat.

Cut out picture and glue to front or write a title on the front, if desired.

(Suggested Title: "Where can I find hedgehogs?")



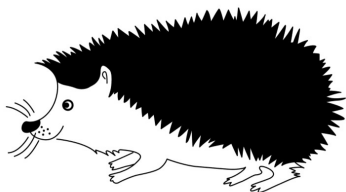
How many quills
does a
hedgehog have?



What are quills
made from?



What does a
hedgehog do when
threatened?



Cut out each book. Fold in half. Paste these books together in your lapbook (you could probably fit them in a vertical line on one of the sides).

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PRINT ON CARDSTOCK. Complete pieces. Stack together with cover on top and secure with a brad fastener as indicated.

Title

Author

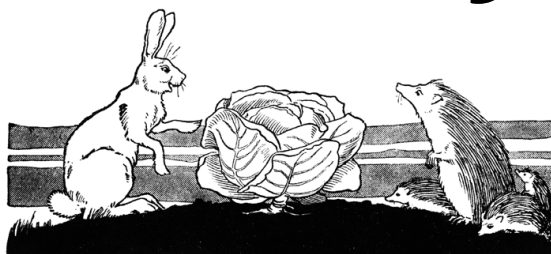
Title

Author

Title

Author

Book Log



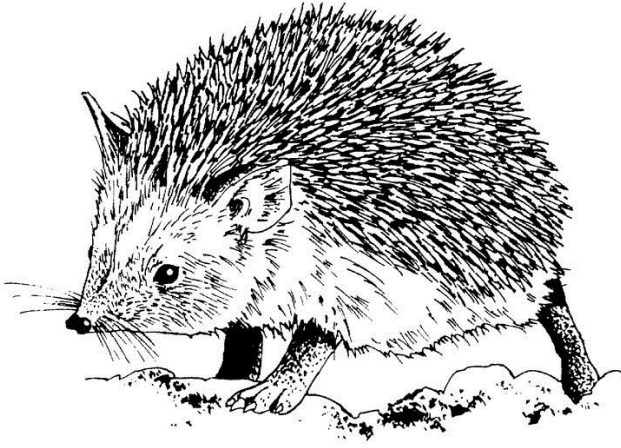
Title

Author

Title

Author

Behavior



Basics

Self-Anointing

Hibernation

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Behavior







Basics

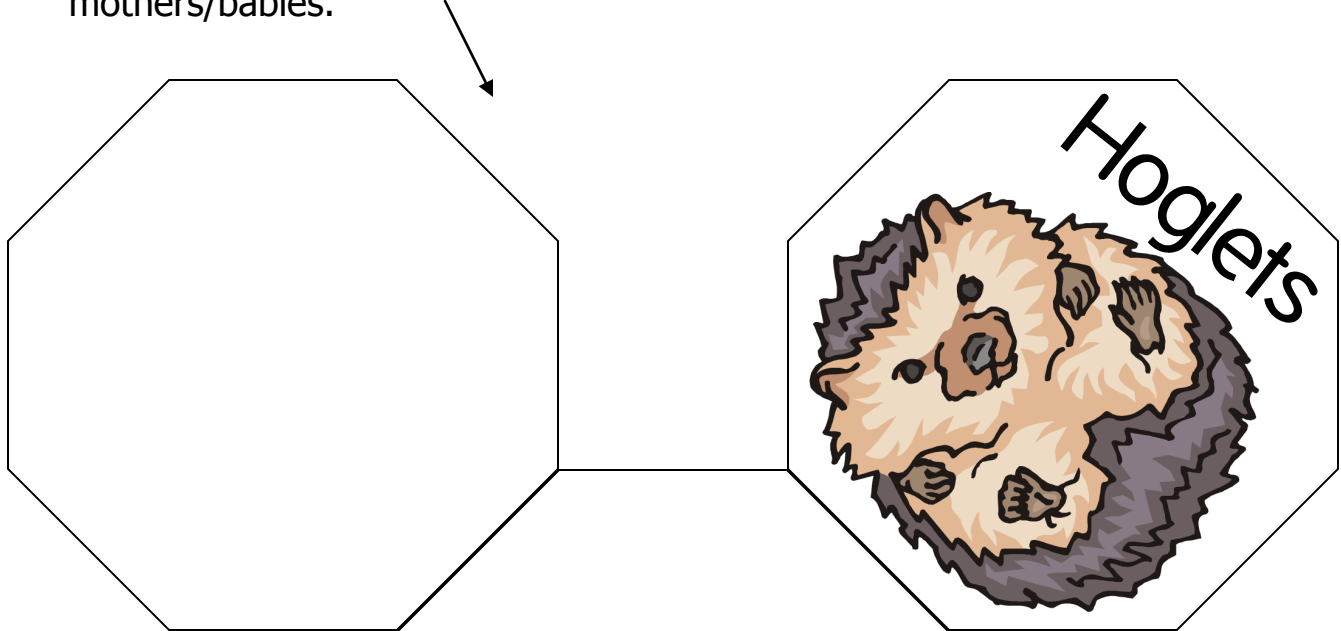
Self-Anointing

Hibernation

Cut on solid black lines. Fold books matchbook style.

Did You Know?	Did You Know?	Did You Know?	Did You Know?
			

Cut ou hoglets book as one piece. Fold left side to the bottom. Fold right side to the bottom (this is your cover). Use the inside to write facts about mothers/babies.



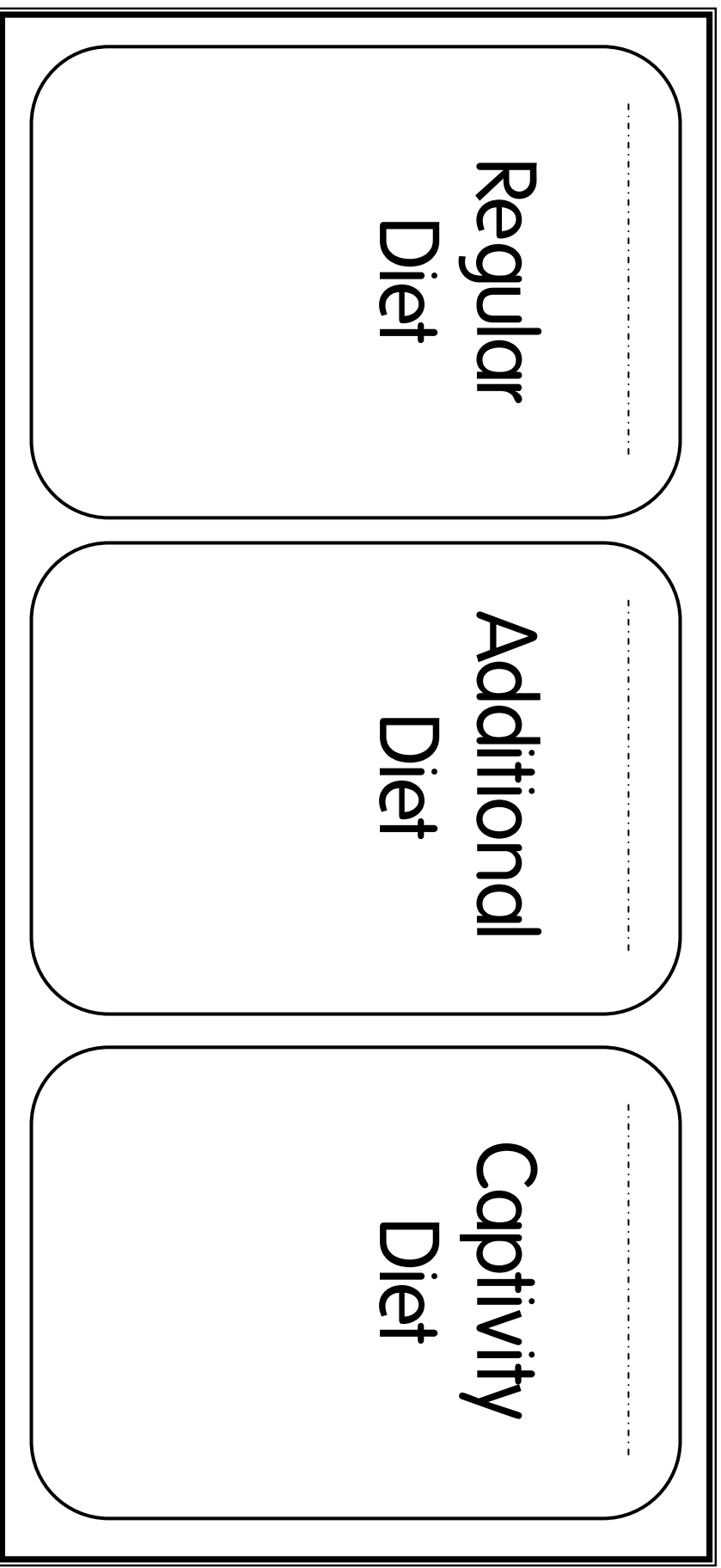
Cut out as one piece. Fold in half. On the inside, write about where groundhogs live (types of homes).

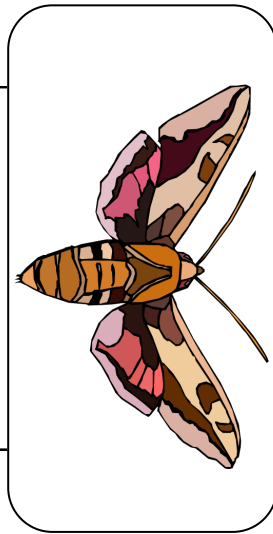
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Print on cardstock. Cut out both pieces. Cut the slits on the dotted line of the FRONT piece. Insert the PULL TABS through the slits. When you glue down the book, make sure to glue only around the outermost edges and not in the center. You want the slider to remain free to move up and down. This book can work horizontally or vertically.

FRONT





PULL TABS

