







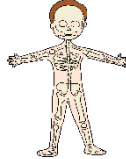



# *the science of* **OCTOBER**

## **MONTHLY LESSON PLANS**

*Thematic Science Activities For*  
**PUMPKINS, BATS,  
SPIDERS, & THE  
SKELETAL SYSTEM**

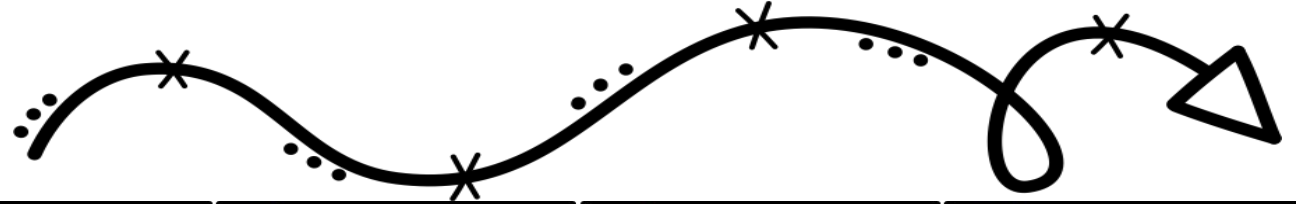
By Cara Carroll & Abby Mullins

# October At-a-Glance

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
 <b>BATS</b> 	Vocabulary: echolocation, colony, pup, mammal, cave, nocturnal, roost, wingspan		Science Skills: Scientific Investigation & Reasoning; five senses, record observations & investigations; Young animals resembling parents; organisms & their environment; animal parts		
	Literacy Skills: asking questions; inferring; predicting; parts of speech, fact & opinion; blending onsets & rimes; beginning sounds; writing;		Math Skills: counting; addition, graphing; 1:1 correspondence; comparing numbers; nonstandard units of measurement; word problems		
	Suggested Books: Bats; National Geographic Readers: Bats; Bats! Time for Kids; It's a Good Thing There are Bats; Bats (Nocturnal Animals)				
 <b>SPIDERS</b> 	Vocabulary: arachnid, spiderling, molt, exoskeleton, silk, web, spinneret, prey		Science Skills: Scientific Investigation & Reasoning; Young animals resembling parents, organisms & their environment; animal comparisons; animal parts; life cycles; five senses; changes in physical properties;		
	Literacy Skills: asking questions; thinking maps; real & nonsense words; blending; CVC words; identifying verbs; nonfiction writing; fact & opinion		Math Skill: number comparisons, addition, subtraction, word problems; odd & even; composing numbers; 1:1 Correspondence; odd & even		
	Suggested Books: Spiders; National Geographic Readers: Spiders; Are You A Spider? -Backyard Bats; Time for Kids: Spiders				
 <b>SKELETAL SYSTEM</b> 	Vocabulary: phalanges, ribs, spine, femur, pelvis, skeleton, bone, x-ray, joint, vertebrae, skull, mandible, clavicle		Science Skills: Scientific Investigation & Reasoning; five senses; observe & record properties of an object; skeletal system & the human body		
	Literacy Skills: poetry, writing, comprehension, diagramming, labeling, finding facts; inferring, predicting, asking questions		Math Skills: addition, ten frames, subtraction, data collection & interpretation		
	Suggested Books: The Skeleton Inside of You; A Look Inside: Your Skeleton & Muscles/Bones; Dem Bones; Bones - Our Skeletal System; You Have Healthy Bones; The Skeleton Book				
 <b>PUMPKINS</b> 	Vocabulary: pumpkins, tendrils, blossom, rind, stem, vine, ribe, seed, pulp, carve, jack-o-lantern, blossom end, flesh		Science Skills: Scientific Investigation & Reasoning; five senses; observe & record properties of an object; observable changes; plant parts - life cycle, plant observation & classification, labeling,		
	Literacy Skills: sequencing, asking questions, writing, labeling, comprehension		Math Skills: counting, 1:1 Correspondence, measurement, greater than/less than/equal to		
	Suggested Books: Seed, Sprout, Pumpkin Pie; Pumpkin Circle: The Story of a Garden; The Pumpkin Book; From Seed to Pumpkin; Life Cycle: Pumpkins; From Pumpkin to Pie; I Pick Fall Pumpkins				

Notes & Reminders

# Bats



**DAY 1: Activities**

**Bats!**

VOCABULARY

SCHEMA CHART

EXTENSIONS

**DAY 2: Activities**

HANG OR FLY?

VOCABULARY

2C+1V1+Y

ELA & MATH EXTENSIONS

**DAY 3: Activities**

BAT SENSES

VOCABULARY

Text & 2C+1V1+Y

EXTENSIONS

**DAY 4: Activities**

Cave Verbiage

VOCABULARY

1Nves+19a+10n

ELA & MATH EXTENSIONS

**DAY 5: Activities**

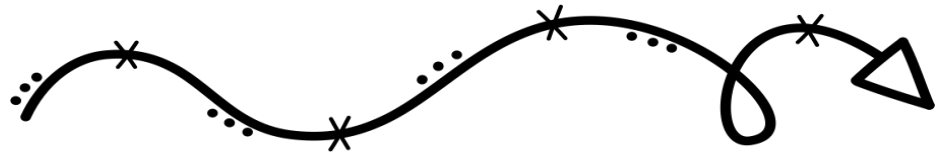
BAT SURVEY

VOCABULARY

1Nves+19a+10n

ELA & MATH EXTENSIONS

# Spiders



**DAY 1: Activities**

**SPIDERS!**

VOCABULARY

ANCHOR CHARTS

EXTENSIONS

**DAY 2: Activities**

SPIDER ACTIONS

VOCABULARY

2C+1V1+Y

ELA AND MATH EXTENSIONS

**DAY 3: Activities**

SPIN OR JUMP?

VOCABULARY

1Nves+19a+10n

ELA AND MATH EXTENSIONS

**DAY 4: Activities**

WEB OF WORDS

VOCABULARY

1Nves+19a+10n

ELA AND MATH EXTENSIONS

**DAY 5: Activities**

SPIDER SURVEY

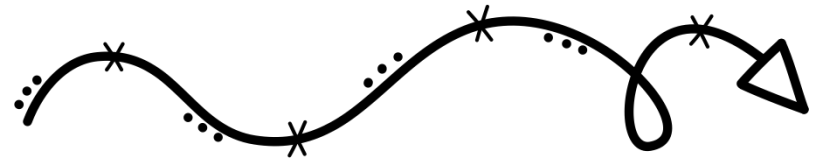
VOCABULARY

1Nves+19a+10n

ELA EXTENSION



# Pumpkins

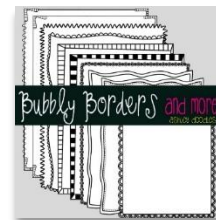
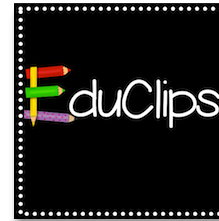
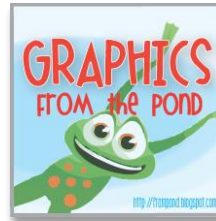


DAY 1: Activities	DAY 2: Activities	DAY 3: Activities	DAY 4: Activities	DAY 5: Activities
<p>VOCABULARY PRE-ASSESSMENT &amp; CARDS</p>	<p>VOCABULARY</p>	<p>VOCABULARY</p>	<p>VOCABULARY</p>	<p>VOCABULARY</p>
<p>SCIENCE</p>	<p>SCIENCE</p>	<p>SCIENCE</p>	<p>SCIENCE</p>	<p>SCIENCE</p>
<p>EXTENSION</p>	<p>EXTENSION</p>	<p>EXTENSION</p>	<p>EXTENSION</p>	<p>EXTENSION</p>

# Skeletal System

DAY 1: Activities	DAY 2: Activities	DAY 3: Activities	DAY 4: Activities	DAY 5: Activities
<p>VOCABULARY PRE-ASSESSMENT &amp; CARDS</p>	<p>VOCABULARY</p>	<p>VOCABULARY</p>	<p>VOCABULARY</p>	<p>VOCABULARY</p>
<p>SCIENCE</p>	<p>SCIENCE</p>	<p>SCIENCE</p>	<p>SCIENCE</p>	<p>SCIENCE</p>
<p>EXTENSION</p>	<p>EXTENSION</p>	<p>EXTENSION</p>	<p>EXTENSION</p>	<p>EXTENSION</p>

# CReditS



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# THANKS!

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We welcome & appreciate your feedback!

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Thanks again and happy teaching!  
*Cara Carroll & Abby Mullins*