

ANSWER KEY:

BIRDS – PRE- POST- ACTIVITIES

Birds – Pre (K-1)

Square around: Crow, Tern, Killdeer, Eagle, Bittern, Egret
Circle around: Penguin, Ostrich, Kiwi

Circle around: Pelican, Wood Duck, Mallard Duck
Triangle around: Barn Owl, American Kestrel
Climbing birds: 2 – Hairy Woodpecker, Northern Flicker

Birds – Pre (2-3)

Square around: White Tailed Kite, American Kestrel, Great Horned Owl, Peregrine Falcon
Circle around: Heermann’s Gull, Wood Duck, Brown Pelican

Wing Beats:

1. < (less than)
2. Hummingbird
3. Chickadee

Birds – Pre (4-8)

Who Am I? 1. Hummingbird, 2. Brown Pelican, 3. Turkey Vulture, 4. California Quail

Birds – Post (K-3)

Great Blue Heron	→	Fish
California Quail	→	Seeds on Ground
Great Horned Owl	→	Skunk
Anna’s Hummingbird	→	Tube Flower (Columbine)

Woodpecker feet	→	#4
Hawk feet	→	#1
Great Blue Heron feet	→	#2
Duck feet	→	#3

Birds – Post (3-6)

Animal Arithmetic:

1. $2 \times 2 = 4 \div 2 = 2$
2. $2 + 2 = 4 \times 5 = 20$
3. $2 \times 2 = 4 + 2 = 6$
4. $10 \div 2 = 5 + 16 = 21$

ANSWER KEY:

CALIFORNIA WILDLIFE – PRE- POST- ACTIVITIES

California Wildlife – Pre (K-1)

Circle around: Alligator Lizard, Sea Star, Rattlesnake

Circle around: Coyote, Striped Skunk, Raccoon

Square around: Alligator Lizard, Desert Tortoise, Ringneck Snake

Triangle around: Killdeer, Great Egret, Wood Duck

California Wildlife – Pre (2-3)

- 4 legs, 6 legs, 2 legs
- 2 insects, 2 mammals, 3 birds
- 26 legs

Circle around: Mountain Lion, Bobcat

Square around: Coyote, Gray Fox, Gray Wolf

California Wildlife – Pre (4-8)

Who Am I? 1. Taxidermist, 2. Mole, 3. King Snake, 4. Osprey

California Wildlife – Post (K-3)

Bobcat	→	Brush Rabbit
Hare	→	Plants
Little Brown Bat	→	Mosquito
California Quail	→	Grass Seeds

Nighttime Animals: Great Horned Owl, Raccoon, Striped Skunk

Daytime Animals: King Snake, Honey Bee, Turkey Vulture

California Wildlife – Post (3-6)

Animal Arithmetic:

1. $8 \times 6 = 48 \div 2 = 24$
2. $2 + 3 = 5 \times 0 = 5$
3. $2 \times 4 = 8 + 4 = 12$
4. $2 \div 1 = 2 \times 2 = 4$

ANSWER KEY:

CREEKS AND PONDS – PRE- POST- ACTIVITIES

Creeks and Ponds – Pre (K-1)

Triangle around: American Beaver, Crayfish, Red-legged Frog, Raccoon, Mallard Duck

Rectangle around: Gray Whale, Sea Star, Pocket Gopher, Common Skate

Red-legged Frog → #4
Dragonfly → #1
Tiger Salamander → #2
Mosquito → #3

Creeks and Ponds – Pre (2-3)

1. 40
2. 26
3. True

Red-legged Frog → #4
Dragonfly → #1
Tiger Salamander → #2
Mosquito → #3

Creeks and Ponds – Pre (4-8)

Who Am I? 1. Dragonfly, 2. Frog, 3. Crawfish, 4. Heron

Creeks and Ponds – Post (3-6)

Animal Arithmetic:

1. $4 \times 4 = 16 + 1 = 17$
2. $2 + 2 = 4 \times 4 = 16$
3. $2 \times 2 = 4 + 8 = 12$
4. $2 \div 1 = 2 \times 4 = 8$

ANSWER KEY:

FORESTS – PRE- POST- ACTIVITIES

Forests – Pre (K-1)

Coho Salmon – Creek
Gray Squirrel – Understory
Pacific Giant Salamander (adult) – Forest Floor
Raven – Canopy
Raccoon – Forest Floor

Square around: Coho Salmon, Gray Squirrel, Crayfish, Chipmunk
Animals in other habitats: 5

Forests – Pre (2-3)

1. False
 2. False
 3. True
 4. True
-
1. 2 to 4 years (varies)
 2. Trees and fallen debris in creeks provide shade and help keep water cool; slows streams to meander, giving necessary depth for salmon to migrate; slows water flows to make nursery pools for salmon fry to prepare for migration to ocean and is resting place for returning adults; fallen leaves attract insects which provides food for young salmon to eat.
 3. Examples: Spotted owl – egg, chick, fledgling, adult; frog – egg, tadpole, frog

Forests – Pre (4-6)

Green (producers) – Sword Fern, Redwood Seedling
Blue (primary consumer) – Gray Squirrel
Red (secondary consumers) – Coho Salmon, Pacific Giant Salamander, Raven, Raccoon, Water Strider
Black (decomposer) – Fungus

Forests – Post (K-3)

Raven – Tree; Coho Salmon – Creek; Pacific Giant Salamander – Forest Floor; Water Strider – Creek; Chipmunk – Forest Floor; Red-tailed Hawk – Tree; Bat – Tree; Woodpecker – Tree; Raccoon – Forest Floor; Gray Fox – Forest Floor; Black-tailed Deer – Forest Floor; Lady Beetles – Forest Floor; Banana Slug – Forest Floor; Skunk – Forest Floor, etc.

ANSWER KEY:

MAMMALS – PRE- POST- ACTIVITIES

Mammals – Pre (K-1)

Diurnal Animals = 2 (sea otter, squirrel)

Nocturnal Animals = 3 (opossum, raccoon, skunk)

Crepuscular Animals = 4 (wolf, deer, jackrabbit, brush rabbit)

Bat	→	Moth
Beaver	→	Red Alder Tree
Badger	→	Gopher
Mountain Lion	→	Deer

Mammals – Pre (2-3)

1/3 = carnivores (badger, bobcat, mountain lion)

1/3 = herbivores (beaver, hare, deer)

Teeth – carnivore needs sharp teeth; herbivore needs flat grinding teeth; omnivore needs both sharp and flat teeth.

1/3 are rodents (beaver, chipmunk, mouse)

2/3 are not rodents

Number of marsupials is less than (<) number of mustelids

Opossum is the only North American marsupial

Mammals – Pre (4-8)

1. Human Being
2. Badger
3. Bat
4. Opossum

Mammals – Post (K-3)

1. Gray Fox
2. Fawn
3. Bat

Circle the mammals: raccoon, squirrel, rat, opossum, skunk, harbor seal

Mammals – Post (4-6)

Animal Arithmetic:

1. $4 \times 4 = 16 \div 2 = 8$
2. $8 + 2 = 10 \times 1 = 10$
3. $2 \times 4 = 8 + 4 = 12$
4. $4 \div 2 = 2 \times 4 = 8$

ANSWER KEY:

OCEANS – PRE- POST- ACTIVITIES

Oceans – Pre (K-1)

Marine Mammals: Gray Whale, Sea Otter, Harbor Seal

Sea Otter – kelp forest

Gray Whale – open ocean

Sea Star – tidepool

Coho Salmon – open ocean

Oceans – Pre (2-3)

Tidepool – seastar

Marine Mammals – Gray Whale, Sea Otter, Harbor Seal

Marine Mammals – 1/3

Sandy Beach – Least Sandpiper

Down:

1. Bat Ray
2. Sea Star
3. Blubber
4. Tide Pool

Across:

1. Baleen
5. Harbor Seal
6. Krill
7. Sea Otter
8. Barnacle

Oceans – Pre (4-8)

Who am I? 1. Common Murre, 2. Shark, 3. Avocet, 4. Harbor Seal

Oceans – Post (K-3)

Bat Ray → Clams in Mud

Sea Star → Mussels on Rocks

Gray Whale → Krill

Harbor Seal → Fish

Circle around: Mussels, Sea Star

Triangle around: Clams

Rectangle around: Harbor Seal, Gray Whale

Square around: Mole Crab, Sandpiper

Oceans – Post (3-6)

Animal Arithmetic:

1. $4 \times 2 = 8 \div 2 = 4$
2. $2 + 7 = 9 \times 2 = 18$
3. $2 \times 5 = 10 + 1 = 11$
4. $8 \div 1 = 8 \times 2 = 16$

ANSWER KEY:

RAPTORS – PRE- POST- ACTIVITIES

Raptors – Pre (K-1)

Circle: Golden Eagle, Great Horned Owl, Peregrine Falcon

Great Horned Owl	→	Striped Skunk
Peregrine Falcon	→	Pigeon
Osprey	→	Salmon
American Kestrel	→	Grasshopper

Raptors – Pre (2-3)

Nocturnal Raptors = 3

Diurnal Raptors = 6

Percentage = $\frac{1}{3}$

Circle: Golden Eagle, American Kestrel, Great Horned Owl, Osprey

Raptors – Pre (4-8)

Who am I? 1. Taxidermist, 2. Talons, 3. Great Horned Owl, 4. Osprey

Raptors – Post (3-6)

Animal Arithmetic:

1. $2 \times 2 = 4 \div 2 = 2$
2. $2 + 2 = 4 \times 5 = 20$
3. $2 \times 2 = 4 + 2 = 6$
4. $10 \div 2 = 5 + 16 = 21$

ANSWER KEY:

WETLANDS – PRE- POST- ACTIVITIES

Wetlands – Pre (K-1)

Circle around: American Pelican, Wood Duck

Square around: Black-crowned Night Heron, American Bittern, Great Egret, California Clapper Rail

Coho Salmon → Egg Mass (2)
Killdeer → Eggs (3)
Skate → Mermaid's Purse (1)

Wetlands – Pre (2-3)

Visitors: Coho Salmon, Canada Goose, Snow Goose

Permanent: American Avocet, Calif. Clapper Rail, Raccoon, Great Egret, Bittern, Black-crowned Night Heron

Brown Pelican → Anchovy
Northern Harrier → Harvest Mouse
American Avocet → Dragonfly Nymph
Great Egret → Red-legged Frog

Wetlands – Pre (3-4)

Marsh Math:

1. $1 \times 3 = 3 \times 6 = 18$
 $30 \div 6 = 5$ YES
2. $10 \times 4 = 40 \div 2 = 20$
3. $15 \times 2 = 30 + 2 = 32 \times 2 = 64$
4. YES – They only need 2,576 gallons

Wetlands – Post (K-3)

Mallard Duck → Duckweed
Great Egret → Fish
Clapper Rail → Sand Crab
Harvest Mouse → Pickleweed
Northern Harrier → Harvest Mouse