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1 example of a very small
patch of water



1 rill - a narrow, shallow downhill trickle of water over grass, soil, sand, or rock

or

1 seep - a tiny basin into which groundwater leaks up

or

1 puddle - where rainwater collects

.

- How does this water affect the environment?
- What light conditions make it most visible?



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1 example of tide pool
OR rock pool
OR pond

- What kinds of animal and plant life use this pool?
- How can you tell where water has left its high-water mark?
- What is the best angle for viewing life above and below the water surface?
- What is the best angle for viewing life above and below the water surface?
- What is the best use of light and shadow to capture an image of this pool?
- How can you frame what you see to show others?



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1 section of ground
to inventory



- How many plant species do you find?
- What animal species do you find?
- What do they do for each other?
- What kind of soil and/or rock is there?
- What is the best angle for viewing your inventory close up?



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1 example each of a plant that

- prefers shade
- prefers bright sunlight

- Where might you look? Why?
- How can you tell 1 plant prefers bright sunlight?
- What distinctive features give you that information?
- How can you tell 1 plant prefers shade?
- What distinctive features tell you that?
- What is the best angle for showing off the most distinctive feature of each plant?



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2 transition zones



What life can you find at the edge of:

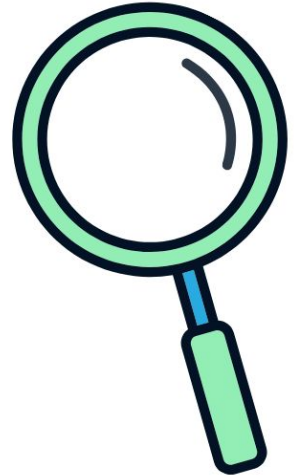
- a fire track
- a hiking trail
- field and forest
- field and sinkhole
- field and rock or fence post

What resources does the zone's edge provide for life?



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2 examples of arachnids
and their webs



- Where might you look? Why?
- What does the spider do for the environment?
- What does this environment provide for the spider?
- How does the spider's colour make it easy or difficult to see it in the environment?
- What is the best angle for viewing this spider at work?



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3 examples of nests



- Where might you look? Why?
- How are nests set into the environment?
- What does this environment provide for the nests?
- How does nest colour and/or construction make it easy or difficult to see it in the environment?
- What is the best angle for viewing these structures?



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3 examples of mosses



- Where might you look? Why?
- What do mosses do for the environment?
- What does this environment provide for the mosses?
- What kinds of life do mosses support in the environment?
- What is the best angle for viewing the texture of these mosses?



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3 examples of different soils



- Where might you look? Why?
- What do soils do for the environment?
- How does the environment provide for the soils?
- What kinds of life forms do soils support in the environment?
- What is the best angle for viewing the texture of these soils?



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examples of water
in 3 different forms

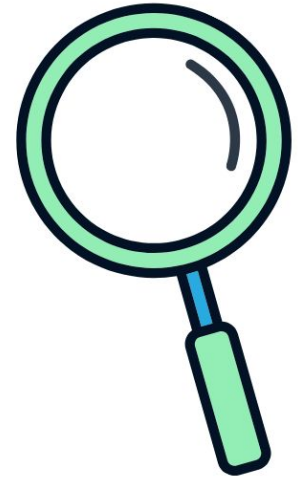


- Where might you look? Why?
- What does water do for the environment?
- How does water change its state in the environment?
- What time of day is best to see other forms of water?
- What is the best angle for viewing these water forms?



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3 examples of erosion



Where might you look to find erosion from:

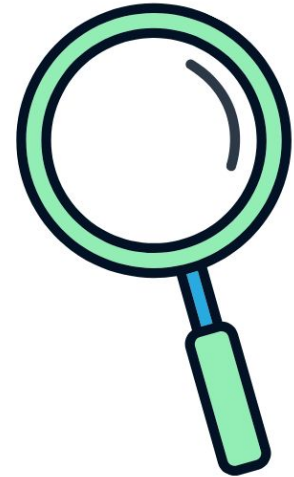
- water
- wind
- insects
- mammals

What is the best use of light and shadow to capture an image of this erosion?



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3 examples of wind blowing



- Where is the best place to see wind moving grasses?
- Where is the best place to see wind blowing leaves?
- Where can you find wind effect on water?
- What is the best time of day to see wind action?
- How can you capture the motion? Best angle?



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4 rock layers

OR...



OR a rock with 4 layers

OR a rock that contains 4 other different rock examples within it

- What light do you need to see the rock texture?
- What is the best angle for viewing it?
- What is the best distance for you to show off the rock's layers?



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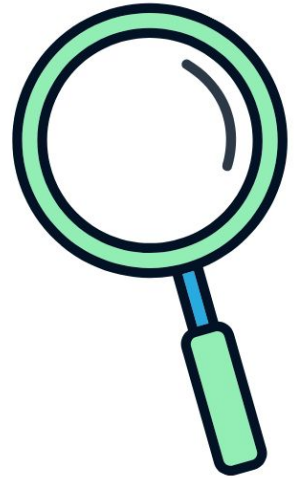
4 examples of roots -
at or above ground
or exposed

- Where might you look? Why?
- What do roots do for the environment?
- What does the environment provide for roots?
- What types of life are found amongst the roots?
- What is the best angle for viewing roots?



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4 examples of fungi

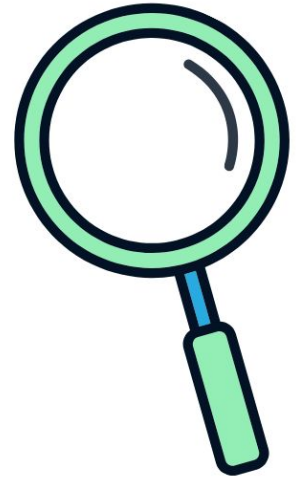


- Where might you look? Why?
- What do fungi do for the environment?
- What do these environments provide for the fungi?
- What types of life do fungi support in their environments?
- What is the best angle for viewing these fungi at work?



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4 examples of lichen

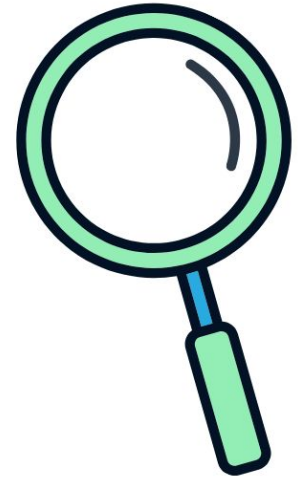


- Where might you look? Why?
- What do lichen do for the environment?
- What does the environment provide for each lichen?
- How do lichen colours make it easy or difficult to see them in the environment?
- What is the best angle for viewing lichen?



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5 examples of different insects



- Where might you look? Why?
- What does each insect do for the environment?
- What does the environment provide for each insect?
- How do insects colours make it easy or difficult to see them in the environment?
- What is the best angle for viewing insects?



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5 examples of bird species



- Where might you look? Why?
- What does each bird do for the environment?
- What does the environment provide for each bird?
- How do bird colours make it easy or difficult to see them in the environment?
- What is the best angle for viewing each bird?



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5 examples of shadows



- When do you see the longest shadows?
- What is the best angle to capture shadows?

Find a sharp shadow of a:

plant

shrub

cloud

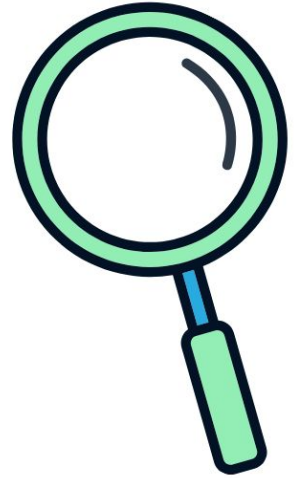
tree leaf

rock



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A 6-photo study of life
in and on a log



- What types of life can you find in and on a log?
- What does the log provide for this life?
- What does the life do for the log?
- How do log textures make it easy or difficult to attract life to it?
- What is the best angle for viewing life in and on a log?



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6 examples of bark



- Where might you look? Why?
- What does bark do for the tree?
- What does its environment provide each bark example?
- What types of life does bark support in the environment?
- What is the best angle for viewing bark?



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A 6-photo study of life
at the edge of the sand



- What types of life can you find at the edge of the sand?
- What does the sand's edge provide for this life?
- What does the life bring to this transition zone?
- How does this transition zone make it easy or difficult to see life at the sand's edge?
- What is the best angle for viewing life at the edge of the sand?



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A 6-photo study of life
on a rock



- What types of life can you find on a rock?
- What does the rock provide for this life?
- What does the life use the rock?
- How do rock textures make it easy or difficult to live on?
- What is the best angle for viewing life on a rock?



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A 6-photo study of life
on a wildflower



- What types of life can you find on a wildflower?
- What does the wildflower provide for this life?
- What does the life bring to the wildflower?
- How do wildflower structures make it easy or difficult to attract life to it?
- What is the best angle for viewing life on a wildflower?



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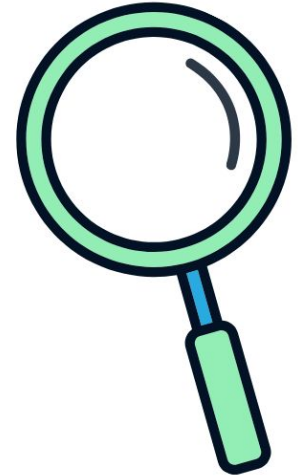
2 examples of plants with
adaptations that help them
survive in the environment

What survival adaptations can you find?

- Something that helps seeds to spread?
- Something for self-defense?
- Something that helps conserve water?
- How do the adaptations work to help the plant survive?
- What is the best angle for viewing one of these adaptations?



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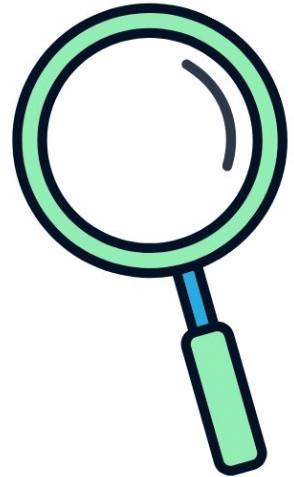
1 example of life
moving along the surface
of still pond water

- What is the best time of day to see water surface life? What life forms did you find?
- What happens to the water surface as the animal moves along it?
- What is the best angle for viewing it as it moves across the water's surface? What camera settings would you need to capture a close-up image to show others?



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2 examples of a "decomposer"
at work



- Can you find 1 plant and 1 animal that break up/decompose other plant or animal matter so nutrients can be recycled?
- Where might you look to find a decomposer organism?
- How does this decomposer help its environment?
- How can you capture an image of the decomposer?