

Cause:

The Sun heats up
the water in the
ocean

Effect:

Water from the
ocean
evaporates and
turns from a liquid
to a gas

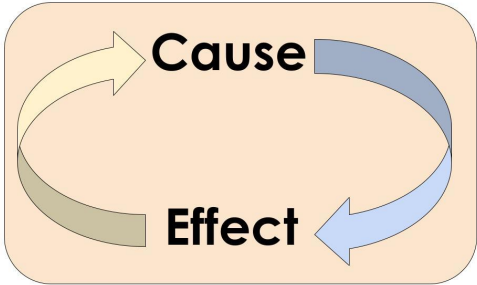
Cause:

A highway is built
cutting off the
wolf population
from the deer
population

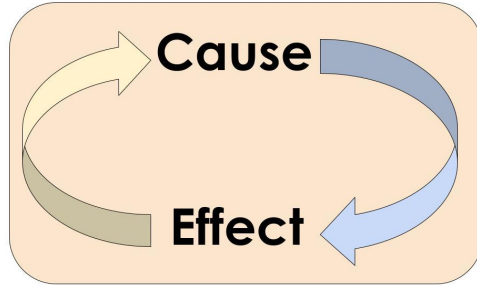
Effect:

There is a rapid
increase in the
deer population.

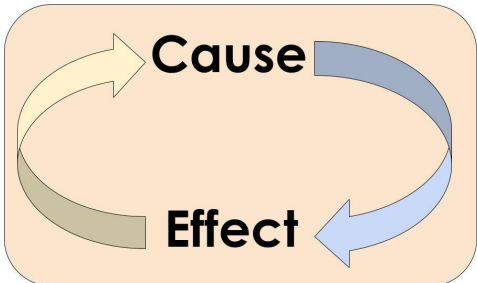

Accelerating Success



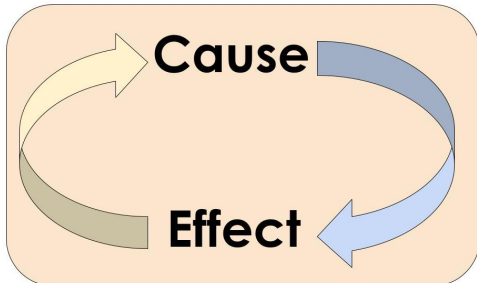

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Cause:

An object is less dense than water

Effect:

An object will float

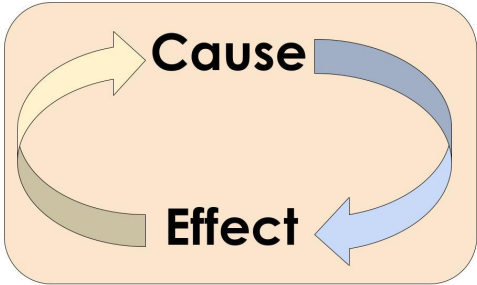
Cause:

A Student stirs sugar into water

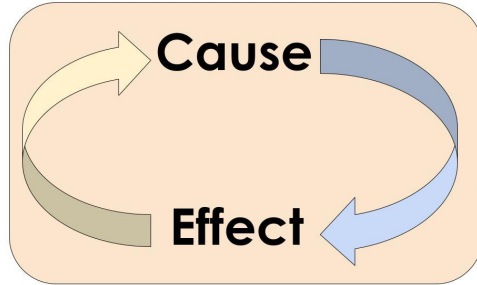
Effect:

A solution is formed

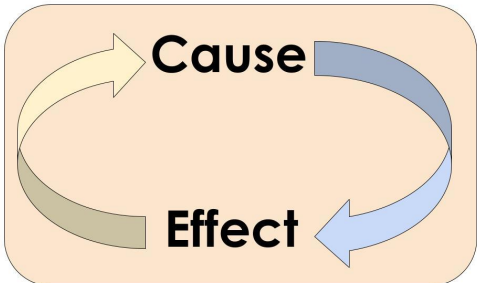

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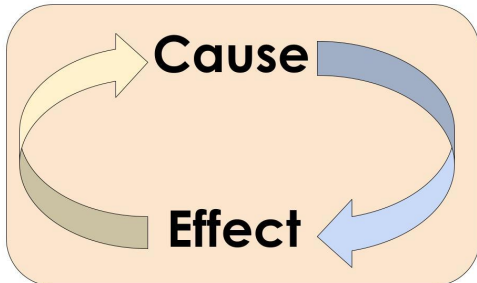

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Cause:

5 grams of salt is dissolved into 100 grams of water

Effect:

A saltwater solution has a total mass of 105 grams.

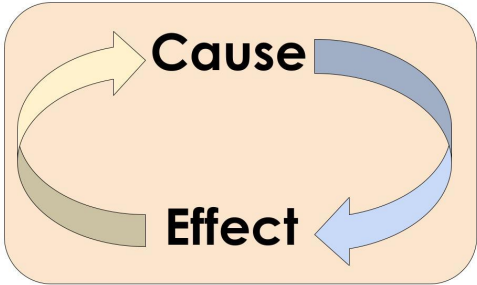
Cause:

3 students work together to push a heavy desk creating an unequal force

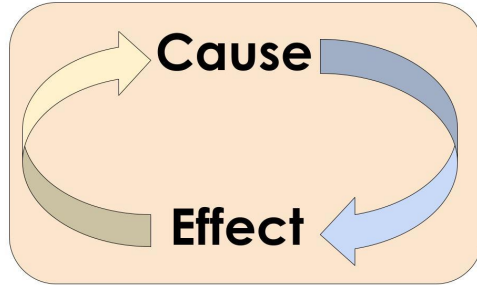
Effect:

The heavy desk moves

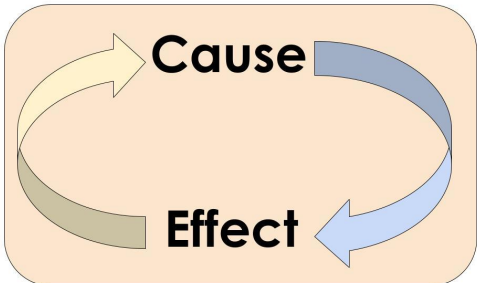

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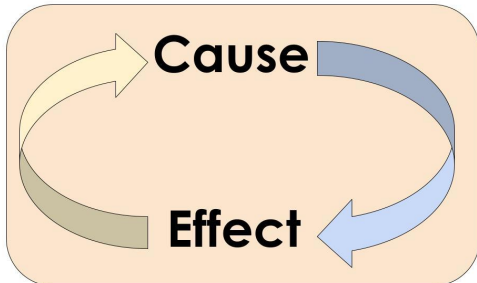

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Cause:

A student pushes a heavy desk but the forces are equal

Effect:

The desk does not move

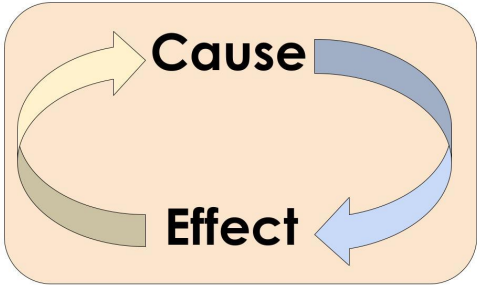
Cause:

Students test the height of the ramp, the size of the car, and the surface of the floor at the same time

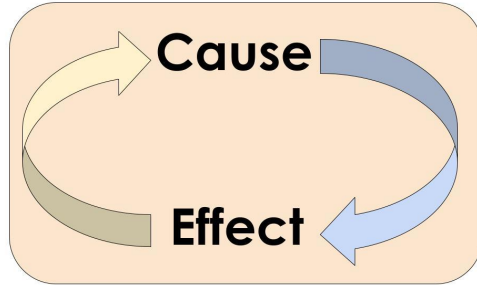
Effect:

A fair test was not conducted

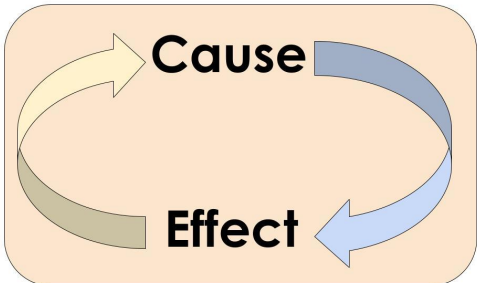

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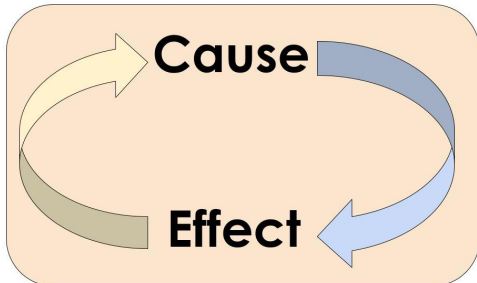

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Cause:

Students test the surface that the car rolls down the ramp and change nothing else

Effect:

A fair test is conducted

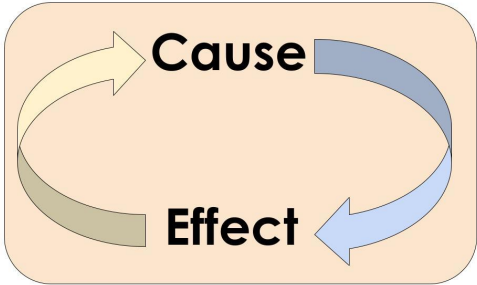
Cause:

A flashlight transforms chemical energy to electrical energy

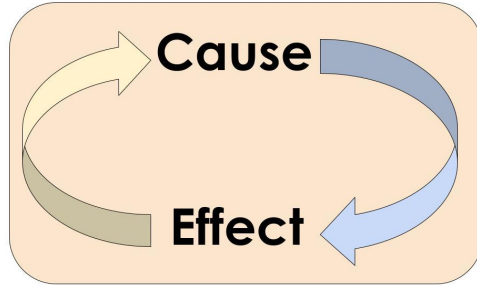
Effect:

The flashlight turns on

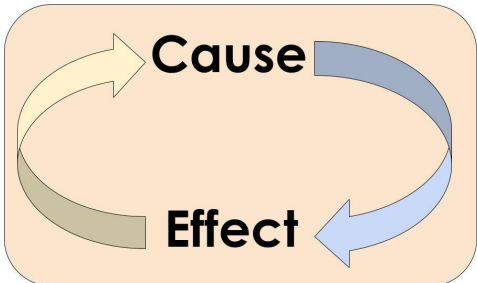

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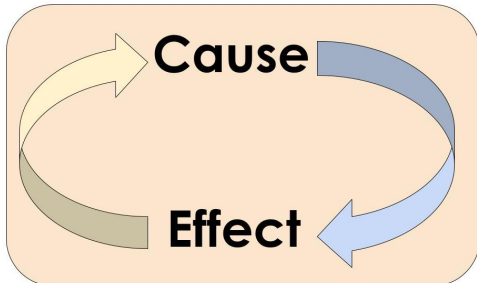

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Cause:

Students build a circuit that is open

Effect:

The circuit will not allow the light bulb to light

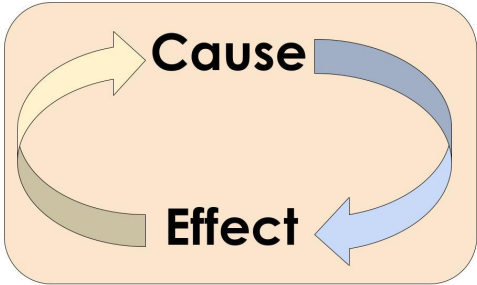
Cause:

Students build a closed circuit with a switch

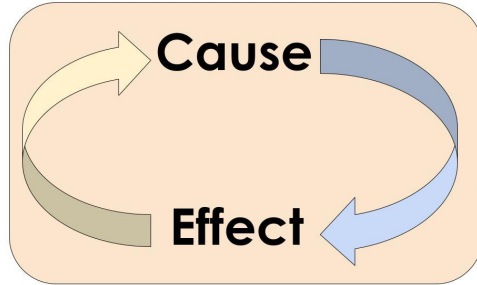
Effect:

The motor in the circuit will turn on and off as the students open and close the switch.

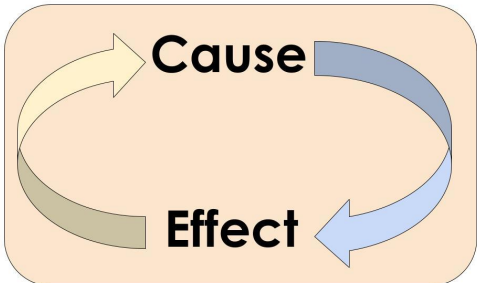

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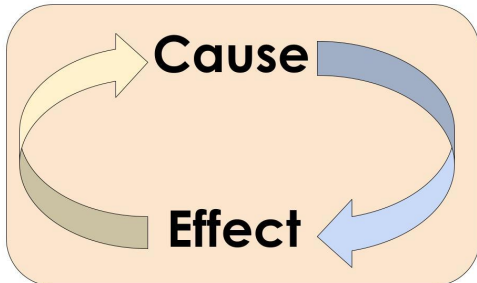

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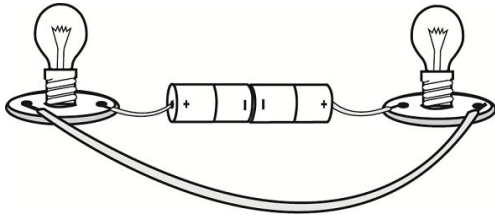

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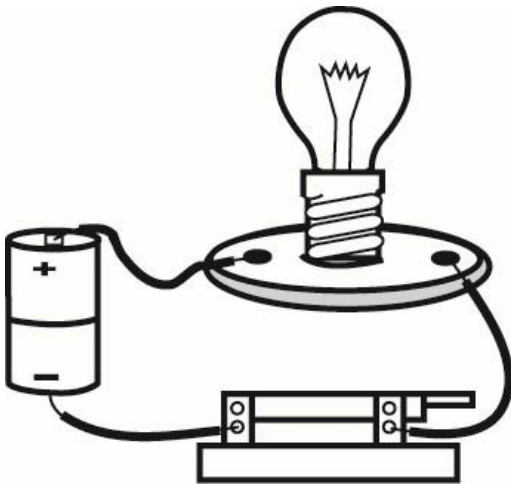
Cause:



Effect:

Neither bulb will
light up

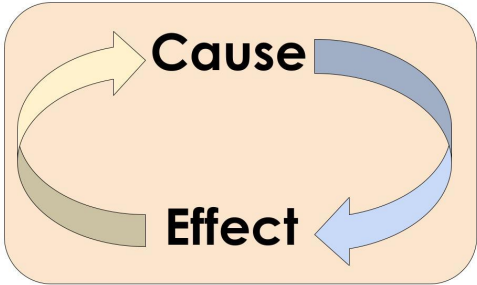
Cause:



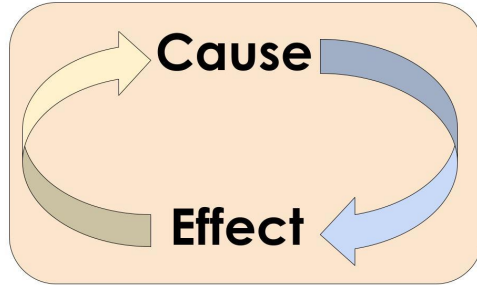
Effect:

The bulb will light

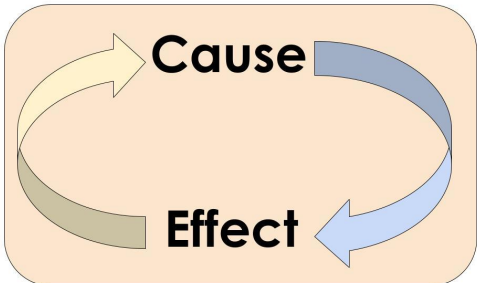

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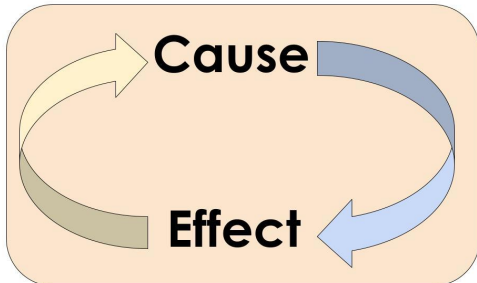

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Cause:

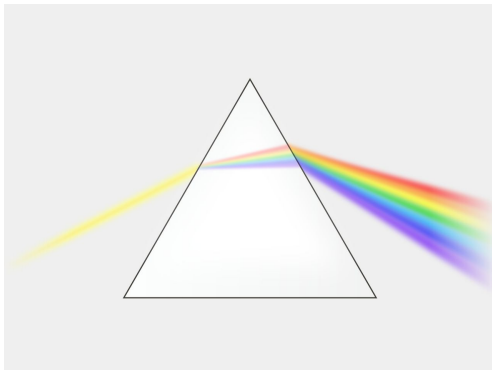
Light hits a mirror

Effect:

Light is reflected

Cause:

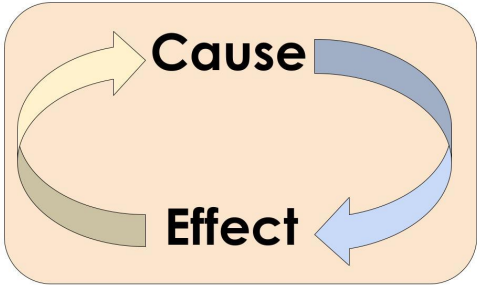
Light goes
through a prism



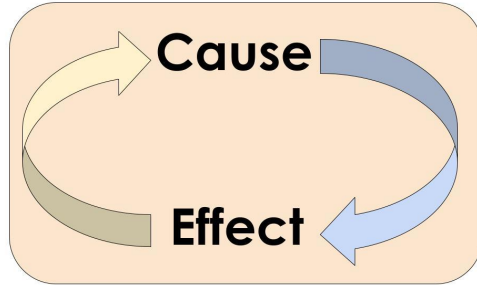
Effect:

Light is refracted

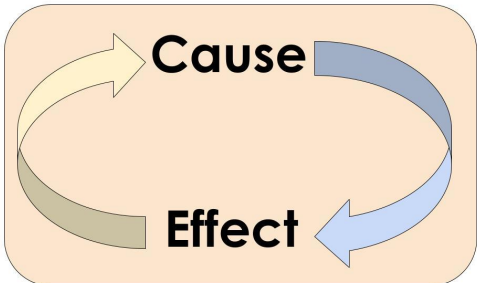

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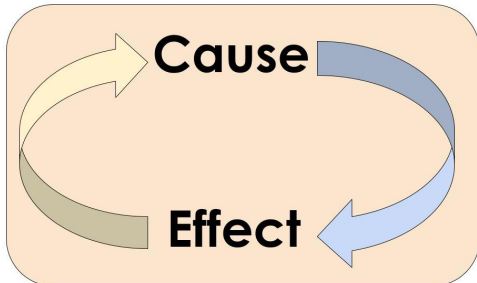

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Cause:

The Earth rotates
one time

Effect:

A day/night
cycle occurs

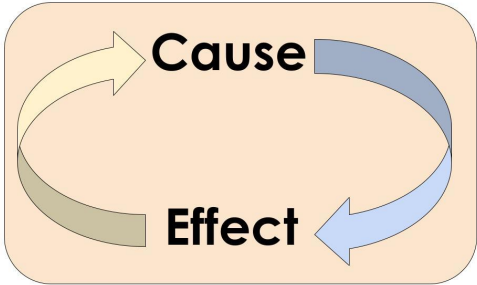
Cause:

The Earth rotates
one time

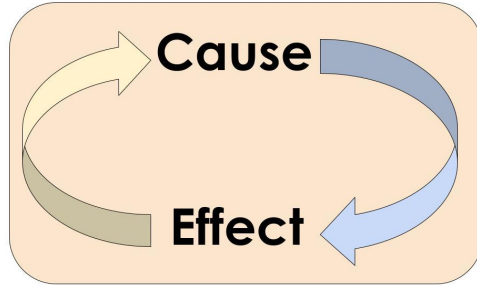
Effect:

The Sun appears
to move across
the sky changing
the position and
shape of
shadows

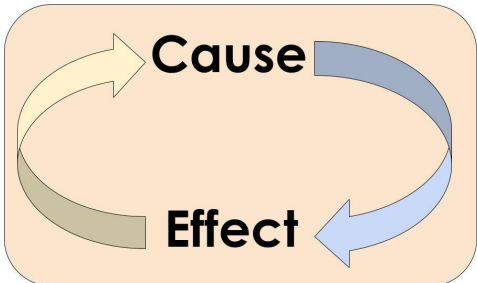

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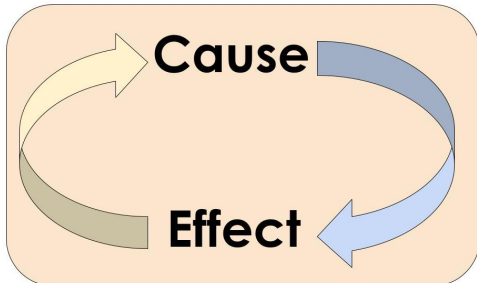

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Cause:

Ancient organisms die and are buried. After millions of years of heat and pressure they are transformed

Effect:

Fossil fuels are created

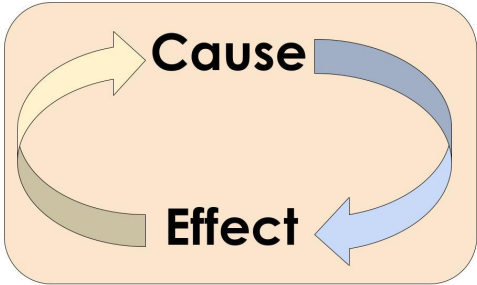
Cause:

The processes of weathering, erosion, deposition, compaction, and cementation occur over millions of years

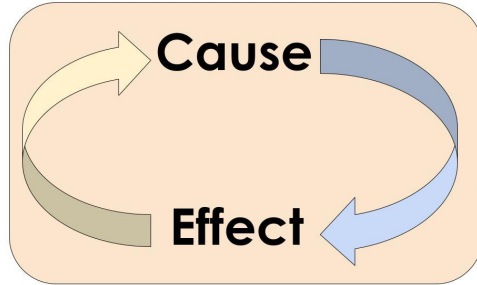
Effect:

Sedimentary rocks are formed.

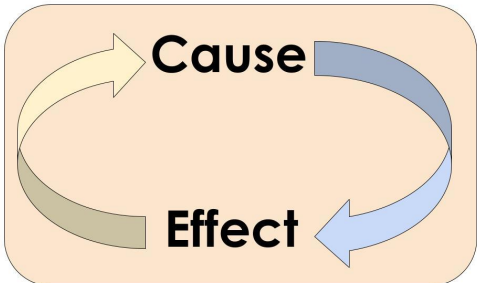

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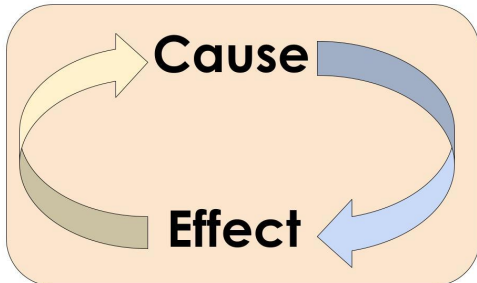

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Cause:

Rocks are exposed to wind, water, and ice for a long time

Effect:

Weathering breaks down the rocks

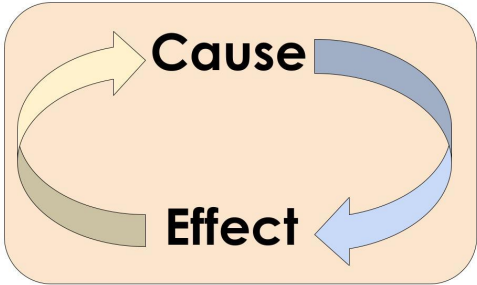
Cause:

A sediment falls in a stream

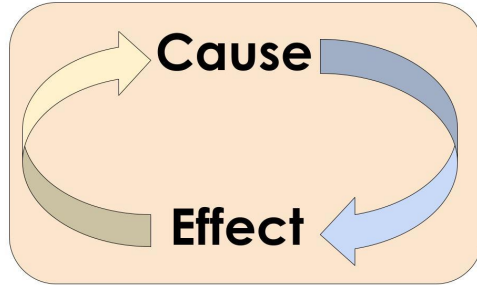
Effect:

Erosion moves the sediment downstream

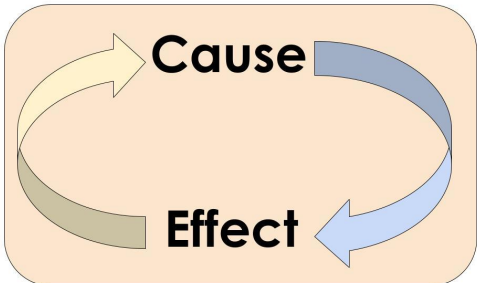

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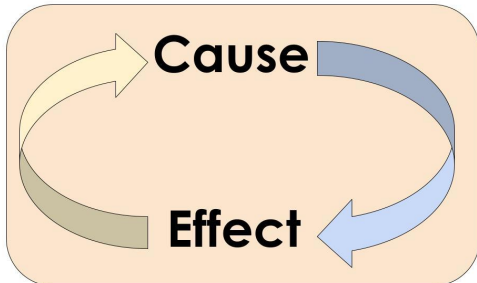

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Cause:

As an environment changes, the trees grow taller

Effect:

Herbivores that happen to be taller have a stronger chance of survival

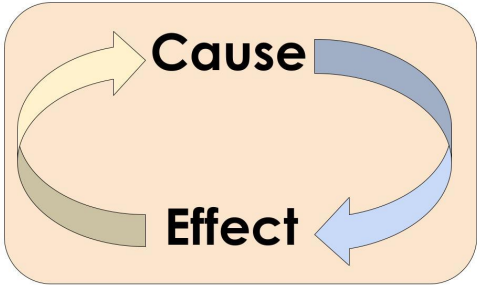
Cause:

Lion cubs watch their parents hunt

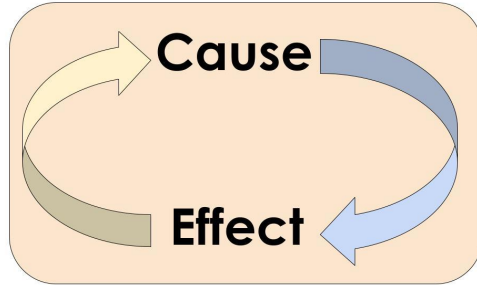
Effect:

Lions learn how to hunt.

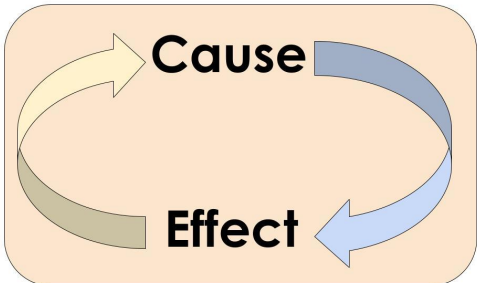

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