

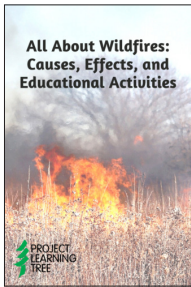
## PROMPT

## SYNTHESES

You have read 3 texts about forest fires: *All About Wildfires*, *Why Certain Naturally Occurring Wildfires are Necessary* video, *Facts about Wildfires*. Using details from all three sources, explain reasons why some forest fires are fought while others are left to burn.

# WRITING FROM SOURCES

## SOURCE 1



## SOURCE 2



## SOURCE 3



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# WRITING FROM SOURCES

## SOURCE 1: All About Wildfires

- **Dry vegetation can quickly fuel a wildfire** that can burn out of control.
- **Strong wind** = fire becomes widespread.
- Occurs **naturally when lightning strikes** trees or the ground.
- Small fires remove/**reduce dead grass, brush, & trees** that can fuel larger/severe wildfires.
- Fire destroys smaller/weaker vegetation & sends **nutrients** more quickly into the ground.
- Plants become even **healthier**.
- **Fewer plant roots = more water** for other vegetation and wildlife.

## SOURCE 2: Video: "Why certain naturally occurring wildfires are necessary"

- **Seeds cannot germinate** in the cool sunless shade.
- Serotinous cones **open up in a fire** and release the seeds.
- Seeds carried by air onto **carbon rich soil**, now gets **sunlight** after fire burned the old trees.
- Seeds **germinate quickly** and **grow** in abundance.

## SOURCE 3: 5 Facts About Wildfires

- Wildfires thrive in areas full of **flammable materials** like dead plants and dry vegetation.
- **Strong winds spread the flames** and cause an inferno of destruction.
- Once the wildfire begins and **spreads, it can travel (fast)**.
- Smaller, cooler fires can help to **remove any potential fuel** like dry leaves.
- New plants (grow after fire) and **valuable food and habitats for many wildlife** species.

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## SYNTHESIS

Left to burn when it's a trade off— a minimal fire now v. major in the future.

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## WRITING FROM SOURCES

### SOURCE 1: All About Wildfires

- Fire destroys smaller or weaker vegetation and sends their **nutrients** more quickly into the ground.

### SOURCE 2: Video: "Why certain naturally occurring wildfires are necessary"

- Serotinous cones **open up in a fire** and release the seeds.
- Seeds are carried by air and rest on **carbon rich soil** that now gets **sunlight** after the fire burned the old trees.



Left to burn when it promotes new plant life in that area.

## PROMPT

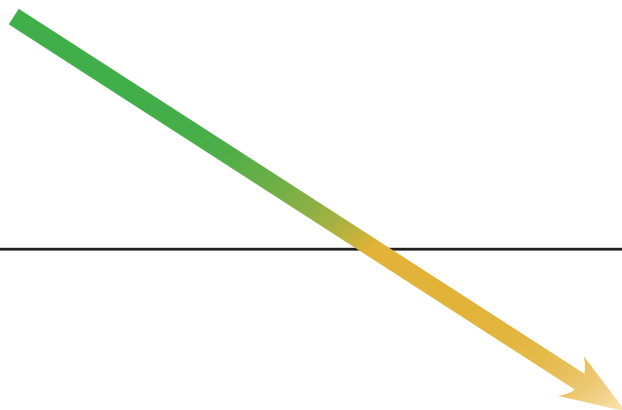
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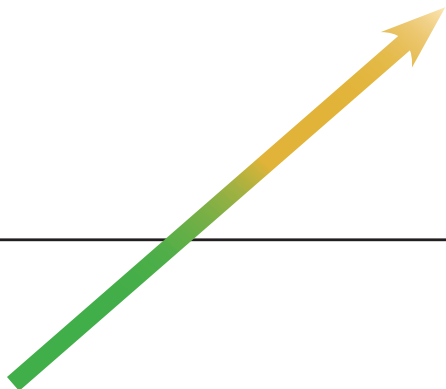
**SOURCE 1:** All About Wildfires

- **Fewer plant roots = more water** for other vegetation and wildlife.



**SOURCE 3:** 5 Facts About Wildfires

- New plants (grow after fire) and **valuable food and habitats for many wildlife** species.



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- **Strong winds spread the flames** and cause an inferno of destruction.
- Once the wildfire begins and **spreads**, **it can travel (fast)**.

Fight the fire when the weather conditions are dangerous.



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## SYNTHESIS

Left to burn when it's a trade off— a minimal fire now v. major in the future.

Left to burn when it promotes new plant life in that area.

Left to burn when it improves the lives of animals in that area.

Fight the fire when the weather conditions are dangerous.