Name & Surname: _____ Class: _____ Date: _____

WHAT HAPPENED? WHY?

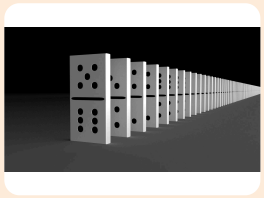
Find causes and effects in order.

About 60 minutes Level ★★★☆☆

Why and What

A **cause** is why something happens. An **effect** is what happens next.

- Say because to show a cause.
- Say so or as a result to show an effect.
- Look for first, next, then to follow order.



Task A

/3

Help Student A, B, and C find the cause and effect.



Student A

It rained hard, so our street flooded. What is the **cause**?

First seeds fall, then they sprout. What is the **effect**?



Student B



Student C

My ice melted because I left it in the sun. Which word shows the **cause**?

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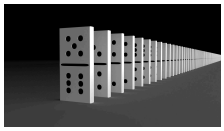
THINK FOUR WAYS

Think hard about a planting plan.

Chains Happen

One **cause** can make many effects. Many causes can make one **effect**.

- Rain can make puddles, mud, and wet shoes.
- An effect can become the next cause in a chain.
- Ask: What happened first? What happened next?



Key words

cause: why something happens

because: word that shows why

as a result: words that show an effect

effect: what happens after

sequence: order that steps happen in

Task B

Think about this garden plan from four sides.

N Need to know: what else do I need to find out?

.....

.....

.....

W Worried: what worries me?

.....

.....

.....

Our class will plant bean seeds and water them every day.

E Excited: what is good about it?

.....

.....

.....

S Stance or suggestion: what do I think now?

.....

.....

.....

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PICK AND LABEL

Find signal words and steps in order.

Words That Help

Time words show **order**. Cause words show **why**.

- Time words: first, next, then, finally.
- Cause words: because, since.
- Effect words: so, as a result, therefore.



Task C

/3

Tick the best answer to show cause and effect.

1. It rained all night. As a **result**, the field was muddy. What is the effect?
   ☐ It rained all night ☐ The field was muddy ☐ It was night
2. **First** the seed sprouts, next it grows tall. Which words show sequence?
   ☐ First, next ☐ seed, tall ☐ sprouts, grows
3. The sun heated the ice, so it melted. What is the **cause**?
   ☐ The sun heated the ice ☐ The ice melted ☐ The ice was cold

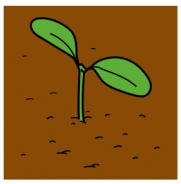
Task D

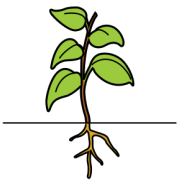
/3

Label each step in order to show the chain.

sprout grows | add water | plant grows tall







_____ makes soil wet

_____ new plant shows

_____ last step

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RANK AND ASK

Rank helpful words and study an event.

Steps in Order

Science steps happen in a **chain**. Each **effect** can start the next step.

- First seeds get water.
- Next roots grow down.
- Then shoots grow up toward light.



Task E

Rank these clue words by how clearly they show cause and effect. Tell why your top word is best.

rank signal words from most to least helpful

because | as a result | since | first | next | finally

Most helpful

Why did you put your top choice at the top?

.....

.....

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SHOW WHAT CHANGED

Read a story and show new thinking.

Melt in Steps

Heat is often a **cause**. Melting or growing is often an **effect**.

- Use order words to retell steps.
- Use because to link cause and effect.



Task F

/6

Read the story and answer to show cause and sequence.

An 8-year-old student tested two ice cubes outside on a hot 90°F afternoon. **First**, the student put one cube in the sun and one in the shade. Next, the student waited 20 minutes and watched. The sunny cube melted fast **because** warm sunlight heated it. **As a result**, it turned to water first. Then the shady cube melted much later.

a. List **TWO** causes that made ice melt faster. **(2)**

b. State **ONE** effect of the heat. **(1)**

c. **Describe** the **sequence** in order using first, next, then. **(3)**

(Total: 6 marks)

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WHAT HAPPENED? WHY?

Task G

Show how your **ideas** about **causes** changed.

Cause and effect

I used to think...	→	Now I think...

How did I do?

Circle a face for each line.

I can find the cause and the effect.	☹ 😐 🙂
I can use words for time and order.	☹ 😐 🙂
I can explain steps and chains.	☹ 😐 🙂

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Answer sheet: What Happened? Why?

Task A

1. Student A: The hard rain.
2. Student B: Seeds sprout and new plants grow.
3. Student C: Because shows the cause.

Task B

Answers will vary, e.g. E: I am excited to watch sprouts grow fast! N: I need to know who brings water and soil. S: I think we should make a chart to track first, next, and last steps. W: I worry we may forget to water on weekends.

Task C

1. b) The field was muddy
2. a) First, next
3. a) The sun heated the ice

Task D

1. add water
2. sprout grows
3. plant grows tall

Task E

Answers will vary.

Task F

a) Warm sunlight heated it; sitting in the sun in heat. (2)

b) The sunny cube melted fast and turned to water first. (1)

c) First put cubes in sun and shade, next waited 20 minutes, then sunny cube melted first and shady cube melted later. (3)

Task G

Answers will vary.

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