

00

Choose a classroom activity

Five task types. Four subjects. Print only the pages you need.

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01

Changes of state

Science | Matching | Linked strategy 017

Name: _____ Date: _____

YOUR TASK

Match each change of state with its description.

MATCH THE TERMS TO THE DESCRIPTIONS

1. Melting ____

A. Gas becomes liquid

2. Freezing ____

B. Particles escape from the surface of a liquid into the gas state

3. Evaporation ____

C. Liquid becomes solid

4. Condensation ____

D. Solid becomes liquid

EXPLAIN ONE CHOICE

Choose one pair and explain the connection in your own words.

CHECK BEFORE YOU FINISH

[] Name both starting and finishing states.

[] Distinguish evaporation from boiling.

[] Explain where energy is transferred.

02

Read a historical source

Humanities | Matching | Linked strategy 001

Name: _____ Date: _____

YOUR TASK

Match each source-reading term to its meaning.

MATCH THE TERMS TO THE DESCRIPTIONS

- | | |
|--------------------|--|
| 1. Origin ____ | A. What the source cannot reliably establish |
| 2. Purpose ____ | B. A specific detail used to support a claim |
| 3. Evidence ____ | C. What the creator wanted the source to achieve |
| 4. Limitation ____ | D. Who created the source, when and where |

EXPLAIN ONE CHOICE

Choose one pair and explain the connection in your own words.

CHECK BEFORE YOU FINISH

- [] Identify the creator and date where known.
- [] Support a claim with a specific detail.
- [] Explain a limit on what the source can tell us.

03

Name the language choice

English | Matching | Linked strategy 001

Name: _____ Date: _____

YOUR TASK

Match each language choice to its description.

MATCH THE TERMS TO THE DESCRIPTIONS

- | | |
|-------------------------|---|
| 1. Simile ____ | A. Repeating a word or phrase for an effect |
| 2. Metaphor ____ | B. Giving a non-human thing human qualities |
| 3. Personification ____ | C. Describing one thing as another |
| 4. Repetition ____ | D. Comparison using like or as |

EXPLAIN ONE CHOICE

Choose one pair and explain the connection in your own words.

CHECK BEFORE YOU FINISH

- ☐ Name the language choice accurately.
- ☐ Point to the specific words.
- ☐ Explain an effect in this context.

04

Describe the relationship

Maths | Matching | Linked strategy 008

Name: _____ Date: _____

YOUR TASK

Match each graph term to its meaning.

MATCH THE TERMS TO THE DESCRIPTIONS

- | | |
|-----------------------------------|---|
| 1. Gradient ____ | A. A relationship of the form $y = kx$ for a constant k |
| 2. Intercept ____ | B. A quantity that can take different values |
| 3. Variable ____ | C. Where a graph crosses an axis |
| 4. Proportional relationship ____ | D. Change in y divided by change in x |

EXPLAIN ONE CHOICE

Choose one pair and explain the connection in your own words.

CHECK BEFORE YOU FINISH

- ☐ Identify the relevant axes.
- ☐ Distinguish a proportional relationship from any straight line.
- ☐ Use units when the quantities have units.

05

Build a scientific explanation

Science | Sequencing | Linked strategy 012

Name: _____ Date: _____

YOUR TASK

Put this explanation of a warming metal rod into a sensible order.

WRITE 1-4 BESIDE THE STEPS

____ The rod expands.

____ Their average separation increases.

____ Its particles vibrate more strongly.

____ The rod's temperature increases.

EXPLAIN THE CONNECTION

Explain why one step leads to the next. Use because, so or therefore where it helps.

CHECK BEFORE YOU FINISH

[] Keep the causal chain accurate.

[] Do not say the particles themselves grow.

[] Link the particle explanation to the observable change.

06

Construct a source judgement

Humanities | Sequencing | Linked strategy 025

Name: _____ Date: _____

YOUR TASK

Order this paragraph so that the claim, evidence and limitation connect.

WRITE 1-4 BESIDE THE STEPS

____ However, it does not show how the audience actually responded.

____ These choices suggest its purpose is to persuade.

____ It addresses young men directly and uses a patriotic slogan.

____ The poster encourages people to enlist.

EXPLAIN THE CONNECTION

Explain why one step leads to the next. Use because, so or therefore where it helps.

CHECK BEFORE YOU FINISH

- [] State a claim.
- [] Use a detail as evidence.
- [] Explain the connection.
- [] Qualify the conclusion.

07

Explain a language effect

English | Sequencing | Linked strategy 025

Name: _____ Date: _____

YOUR TASK

Put the interpretation into a clear order.

WRITE 1-4 BESIDE THE STEPS

____ The reader may therefore see the loneliness as persistent.

____ This repetition keeps returning attention to the absence of company.

____ The narrator repeats the word “alone”.

____ The description creates a sense of isolation.

EXPLAIN THE CONNECTION

Explain why one step leads to the next. Use because, so or therefore where it helps.

CHECK BEFORE YOU FINISH

- [] Start with an interpretation.
- [] Name evidence from the text.
- [] Explain how the evidence works.
- [] Avoid claiming every reader responds identically.

08

Explain a fraction comparison

Maths | Sequencing | Linked strategy 002

Name: _____ Date: _____

YOUR TASK

Order the reasoning for comparing $\frac{3}{4}$ with $\frac{2}{3}$.

WRITE 1-4 BESIDE THE STEPS

____ Conclude that $\frac{3}{4}$ is greater than $\frac{2}{3}$.

____ Compare the numerators because the denominators are now equal.

____ Rewrite $\frac{3}{4}$ as $\frac{9}{12}$ and $\frac{2}{3}$ as $\frac{8}{12}$.

____ Choose a common denominator of 12.

EXPLAIN THE CONNECTION

Explain why one step leads to the next. Use because, so or therefore where it helps.

CHECK BEFORE YOU FINISH

[] Keep the fractions equivalent.

[] Explain why comparing the numerators is valid.

[] State the comparison clearly.

09

Choose precise force language

Science | Vocabulary | Linked strategy 023

Name: _____ Date: _____

YOUR TASK

Choose the word that makes each scientific statement accurate.

WORD BANK

newtons | balanced | accelerates | resultant

1. The _____ force is the overall force after combining all the forces.
2. An object _____ when its velocity changes.
3. Equal opposite forces are _____.
4. Force is measured in _____.

USE THE WORDS

Write a new accurate sentence using two of the words.

CHECK BEFORE YOU FINISH

- ☐ Use resultant rather than “biggest”.
- ☐ Remember that acceleration includes changes of direction.
- ☐ Do not assume balanced forces mean an object is stationary.

10

Qualify a source claim

Humanities | Vocabulary | Linked strategy 006

Name: _____ Date: _____

YOUR TASK

Choose a useful word for each source-analysis sentence.

WORD BANK

limitation | evidence | perspective | specific

1. A _____ detail supports a judgement about the source.
2. The writer's _____ may influence what is included.
3. A claim needs to be supported by _____.
4. A _____ identifies what the source cannot establish.

USE THE WORDS

Write a new accurate sentence using two of the words.

CHECK BEFORE YOU FINISH

- ☐ Make a proportionate claim.
- ☐ Distinguish perspective from proof of inaccuracy.
- ☐ Name an actual limitation.

11

Move from noticing to interpreting

English | Vocabulary | Linked strategy 008

Name: _____ Date: _____

YOUR TASK

Choose the word form that fits each sentence.

WORD BANK

suggest | descriptive | description | describes

1. The writer _____ the abandoned room.
2. The _____ includes broken windows and dust.
3. The _____ details create an uneasy atmosphere.
4. The word choices may _____ neglect.

USE THE WORDS

Write a new accurate sentence using two of the words.

CHECK BEFORE YOU FINISH

- [] Use the appropriate grammatical form.
- [] Connect a detail to an interpretation.
- [] Keep “may” when the meaning is open to interpretation.

12

Explain a linear rule

Maths | Vocabulary | Linked strategy 023

Name: _____ Date: _____

YOUR TASK

Complete each statement about $y = 3x + 2$.

WORD BANK

linear | constant | intercept | gradient

1. The _____ of the line is 3.
2. The y-_____ is 2.
3. The rate of change is _____.
4. The relationship is _____, but not directly proportional.

USE THE WORDS

Write a new accurate sentence using two of the words.

CHECK BEFORE YOU FINISH

- ☐ Separate linear from directly proportional.
- ☐ Interpret the gradient and intercept.
- ☐ Use the equation as evidence.

13

Can the arrows tell us?

Science | Discussion | Linked strategy 002

Name: _____ Date: _____

YOUR TASK

A box has a 10 N upward force and a 10 N downward force. A student says: "It must be stationary." Discuss whether the diagram supports this claim.

OPTIONAL REHEARSAL PROMPTS

Think: what can the diagram establish?

Rehearse: explain your answer to a partner.

Challenge: could the box be moving at constant velocity?

Improve: qualify the original claim.

YOUR RESPONSE

What changed after your partner challenged your first idea?

CHECK BEFORE YOU FINISH

[] State that the resultant force is zero.

[] Distinguish acceleration from motion.

[] Limit the claim to what the evidence shows.

14

Does a poster show public opinion?

Humanities | Discussion | Linked strategy 007

Name: _____ Date: _____

YOUR TASK

A patriotic recruitment poster is labelled “proof that everyone supported the war”. Discuss whether this conclusion is justified.

OPTIONAL REHEARSAL PROMPTS

Notice: what does the poster actually show?

Rehearse: make a claim about its purpose.

Challenge: what evidence about public responses is missing?

Improve: write a more defensible caption.

YOUR RESPONSE

What changed after your partner challenged your first idea?

CHECK BEFORE YOU FINISH

[] Distinguish intention from effect.

[] Use one visible detail.

[] State what extra evidence would help.

15

Must silence mean fear?

English | Discussion | Linked strategy 007

Name: _____ Date: _____

YOUR TASK

In a scene, a character pauses and does not answer. One reader says this proves fear. Discuss other plausible interpretations and the evidence needed.

OPTIONAL REHEARSAL PROMPTS

Notice: identify the observable action.

Rehearse: offer one interpretation.

Challenge: suggest an alternative, such as anger or uncertainty.

Improve: connect the interpretation to a detail from the scene.

YOUR RESPONSE

What changed after your partner challenged your first idea?

CHECK BEFORE YOU FINISH

[] Separate observation from inference.

[] Offer an alternative interpretation.

[] Use context to test the readings.

16

Is every straight line proportional?

Maths | Discussion | Linked strategy 003

Name: _____ Date: _____

YOUR TASK

A learner says: “The graph is a straight line, so y is directly proportional to x .” Discuss using $y = 2x$ and $y = 2x + 3$.

OPTIONAL REHEARSAL PROMPTS

Notice: compare the two equations.

Rehearse: explain what is shared.

Challenge: check whether both lines pass through the origin.

Improve: state the condition for direct proportion.

YOUR RESPONSE

What changed after your partner challenged your first idea?

CHECK BEFORE YOU FINISH

☐ Distinguish linear from directly proportional.

☐ Use a counterexample.

☐ Explain the role of the origin.

17

Explain balanced forces

Science | Writing | Linked strategy 005

Name: _____ Date: _____

YOUR TASK

Write an explanation for a box with equal 10 N upward and downward forces. Explain what can and cannot be concluded about its motion.

OPTIONAL REHEARSAL PROMPTS

The forces are ___ and ___.

Therefore the resultant force is ___.

This means its velocity ___.

However, the diagram does not tell us ___.

YOUR RESPONSE

CHECK BEFORE YOU FINISH

[] Name the zero resultant.

[] Explain the implication for acceleration.

[] Avoid assuming zero velocity.

18

Write an evidence-based caption

Humanities | Writing | Linked strategy 011

Name: _____ Date: _____

YOUR TASK

A recruitment poster directly addresses young men and uses a patriotic slogan. Write a caption explaining its likely purpose and a limitation.

OPTIONAL REHEARSAL PROMPTS

The poster appears to ___ because ___.

Its use of ___ suggests ___.

However, it cannot establish ___.

YOUR RESPONSE

CHECK BEFORE YOU FINISH

☐ Explain persuasive purpose.

☐ Include a specific detail.

☐ Limit the claim about the audience.

19

Explain the repeated word

English | Writing | Linked strategy 005

Name: _____ Date: _____

YOUR TASK

A narrator repeats “alone” several times in a passage. Write a short interpretation that connects the choice to a possible effect.

OPTIONAL REHEARSAL PROMPTS

The repetition of ___ emphasises ___.

By returning to ___, the writer ___.

This may make the reader ___.

YOUR RESPONSE

CHECK BEFORE YOU FINISH

[] Name the language choice.

[] Explain how repetition supports the interpretation.

[] Use appropriately qualified language.

20

Explain a rate from a graph

Maths | Writing | Linked strategy 012

Name: _____ Date: _____

YOUR TASK

Distance increases from 2 m at 0 s to 8 m at 3 s. Explain the average speed over that interval and show your reasoning.

OPTIONAL REHEARSAL PROMPTS

The distance increases by ___ metres.

The time interval is ___ seconds.

Average speed = ___ divided by ___.

Therefore the average speed is ___ m/s.

YOUR RESPONSE

CHECK BEFORE YOU FINISH

☐ Use the change, not the final distance alone.

☐ Show the time interval.

☐ Include the unit m/s.