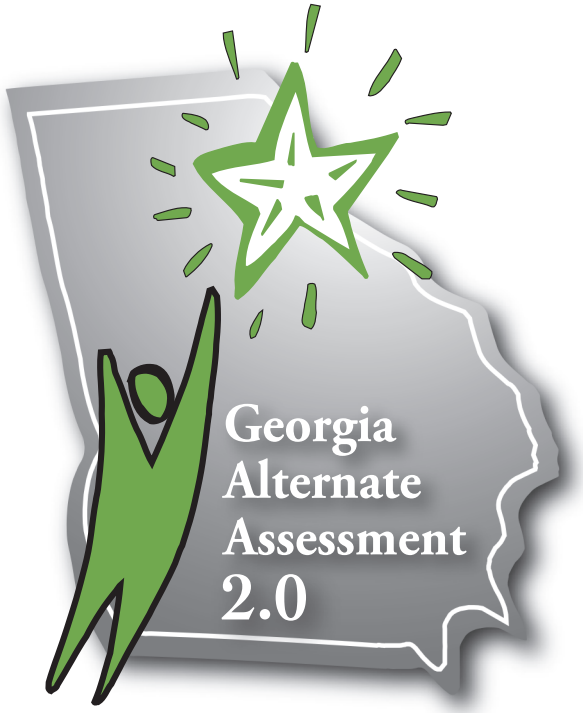
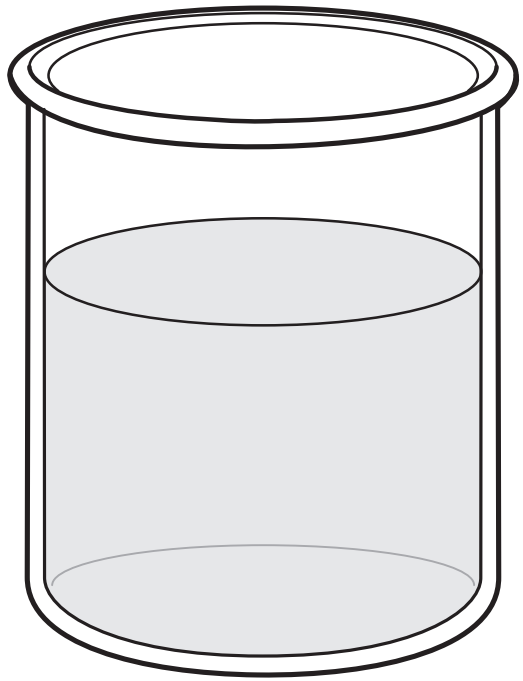
Science Sample Tasks
Student Booklet



Student Name: _____

chalk



vinegar

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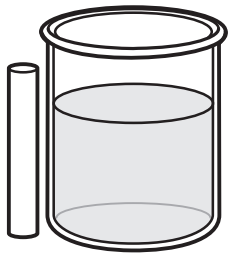
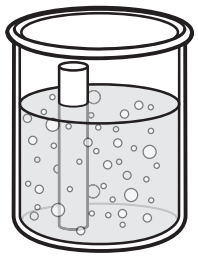
A



Place the piece of chalk next to the glass of vinegar and watch for a chemical change.

Task 1 Part A2

B



Place the piece of chalk into the glass of vinegar and watch for a chemical change.

Task 1 Part A2

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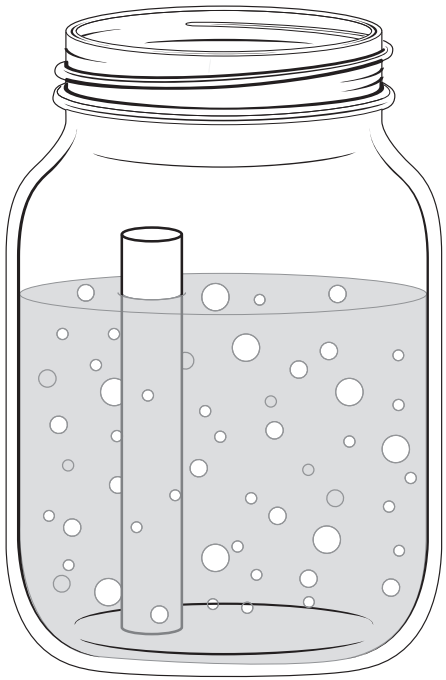

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A

measure the length of the piece of chalk

Task 1 Part B3

B

look at the time on a clock

Task 1 Part B3

C

look for bubbles to form

Task 1 Part B3

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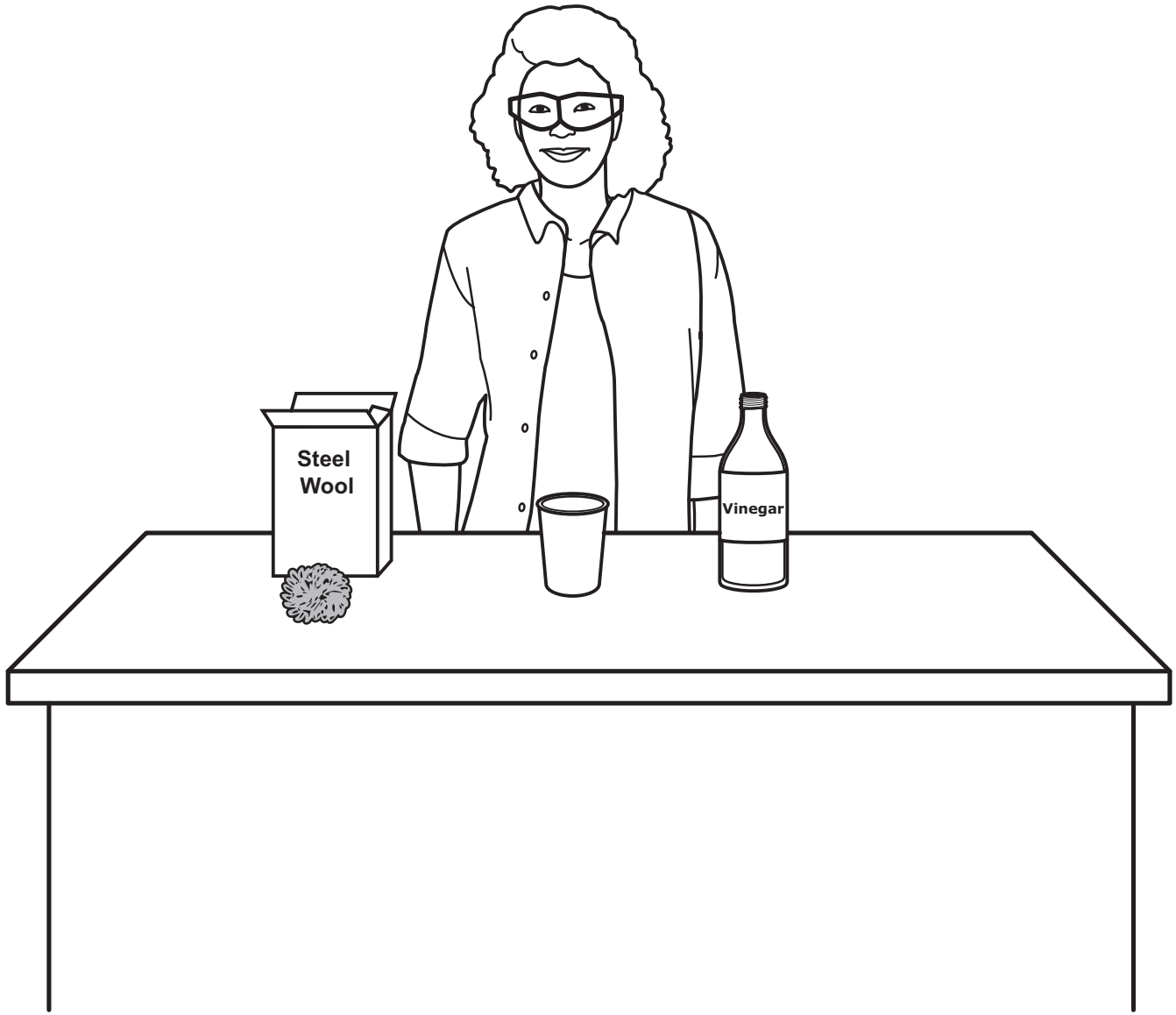

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A

**Next, place a piece of steel wool into the cup.
Then, measure the temperature inside the cup.**

Task 1 Part C2

B

**Next, measure the temperature outside the cup.
Then, measure how much the cup weighs.**

Task 1 Part C2

C

**Next, place a piece of steel wool into the cup.
Then, measure the height of the cup.**

Task 1 Part C2

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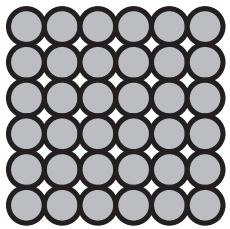
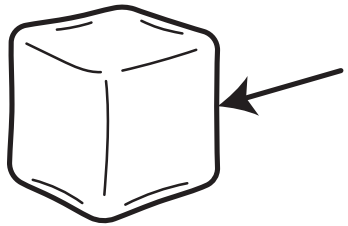
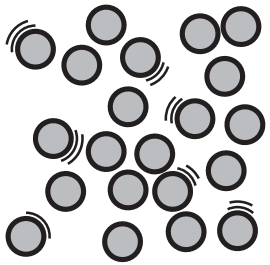
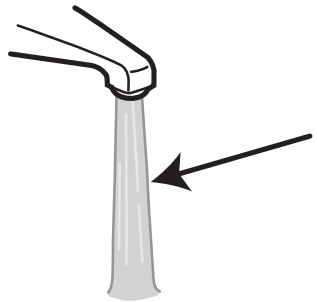
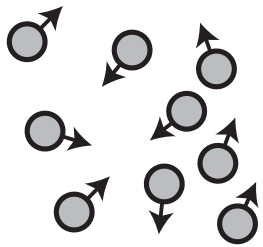
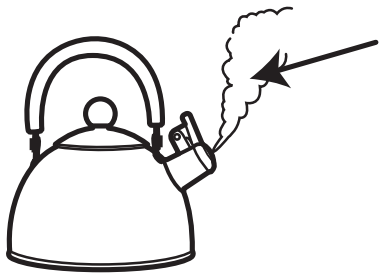
States of Matter

solid		
liquid		
gas		

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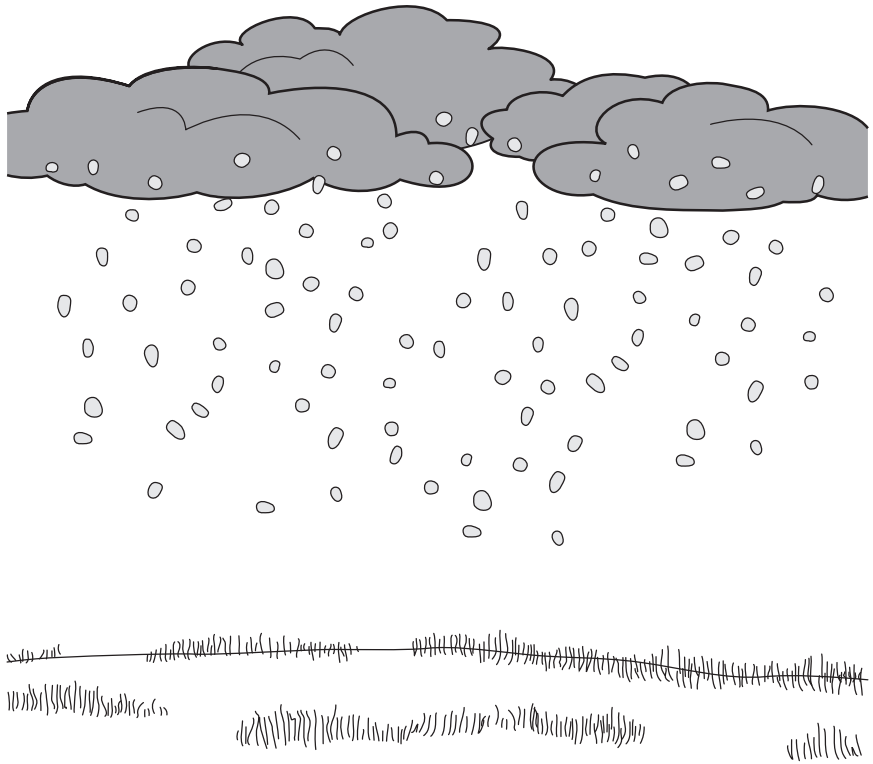

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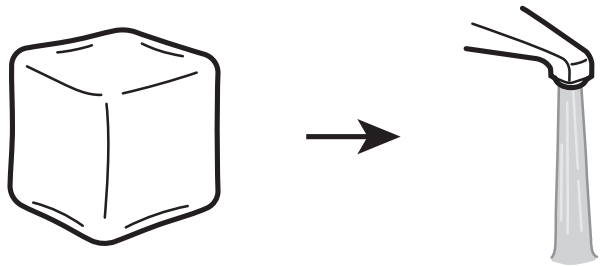
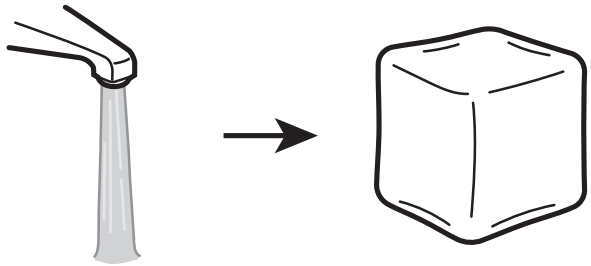
A



Water changes from a solid to a liquid.

Task 2 Part A2

B



Water changes from a liquid to a solid.

Task 2 Part A2

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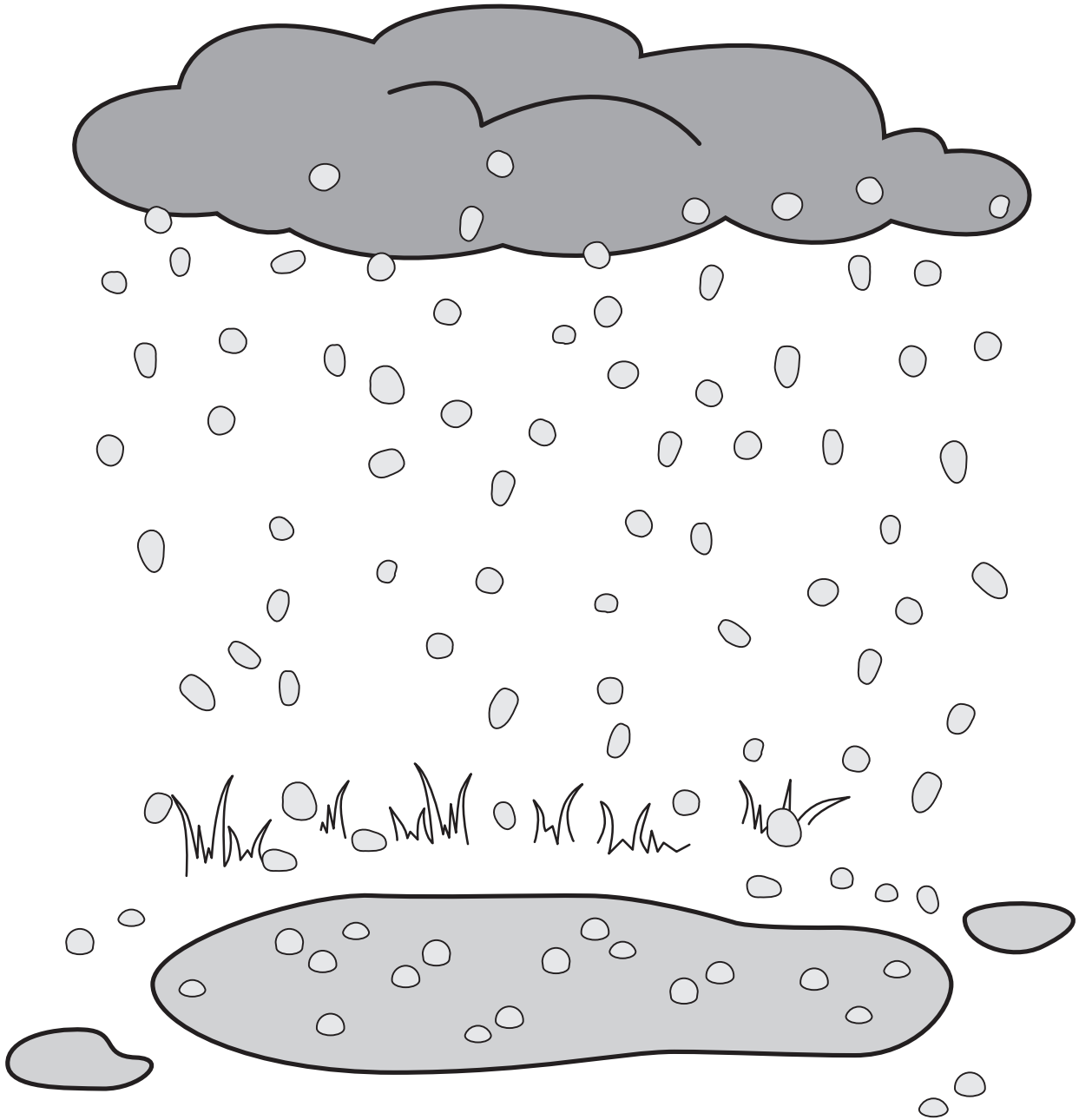

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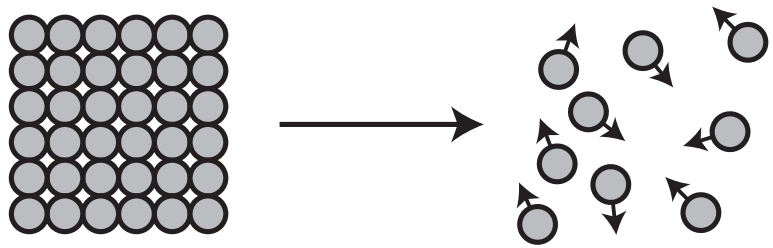
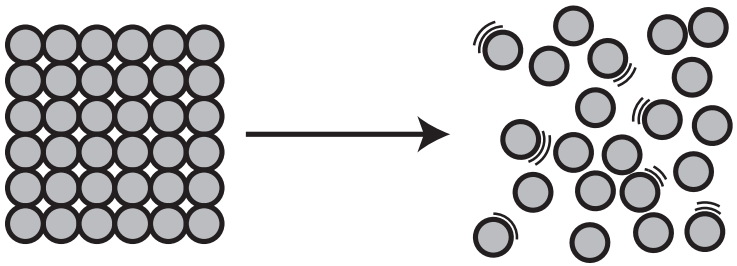
A



The particles slow down and move apart.

Task 2 Part B2

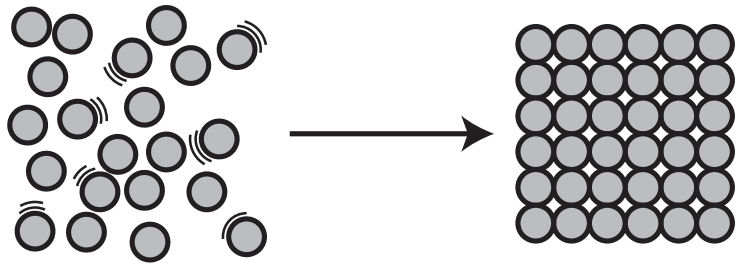
B



The particles speed up and move apart.

Task 2 Part B2

C



The particles slow down and move together.

Task 2 Part B2

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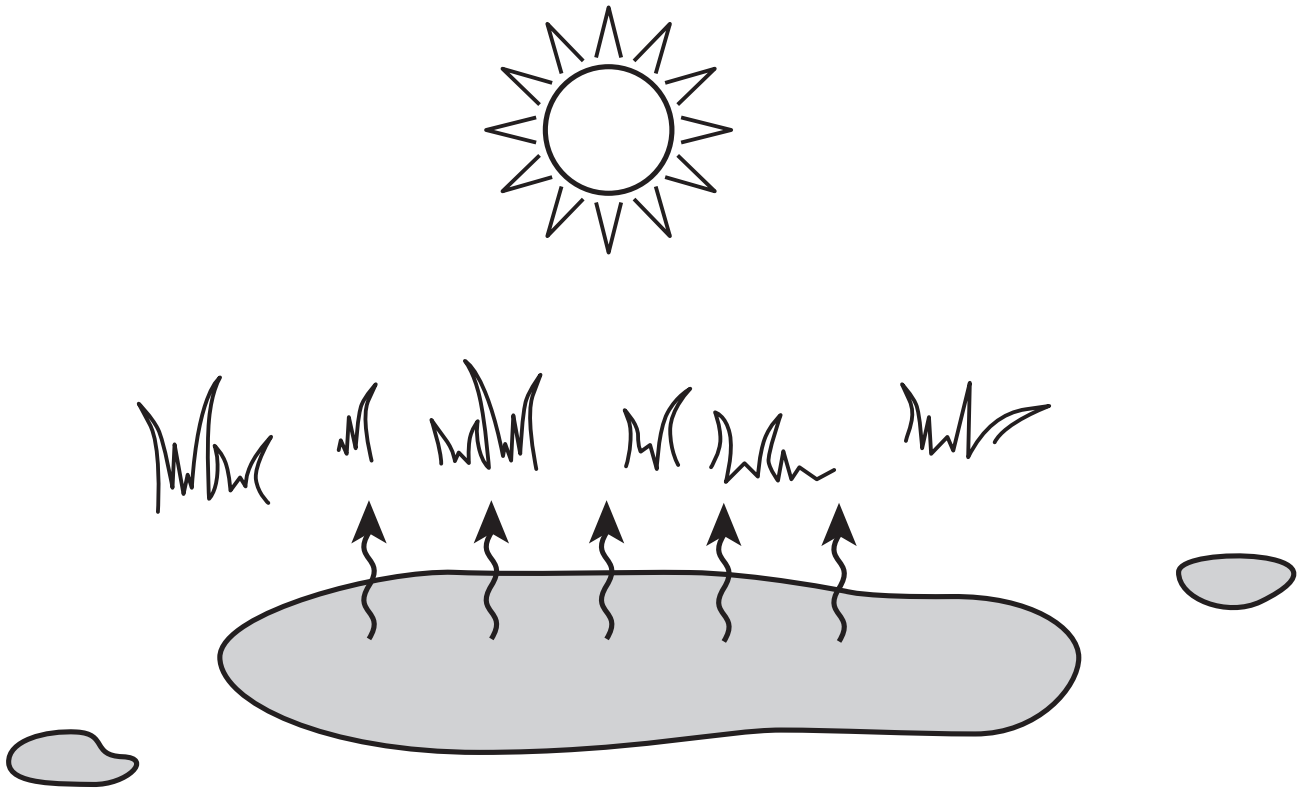

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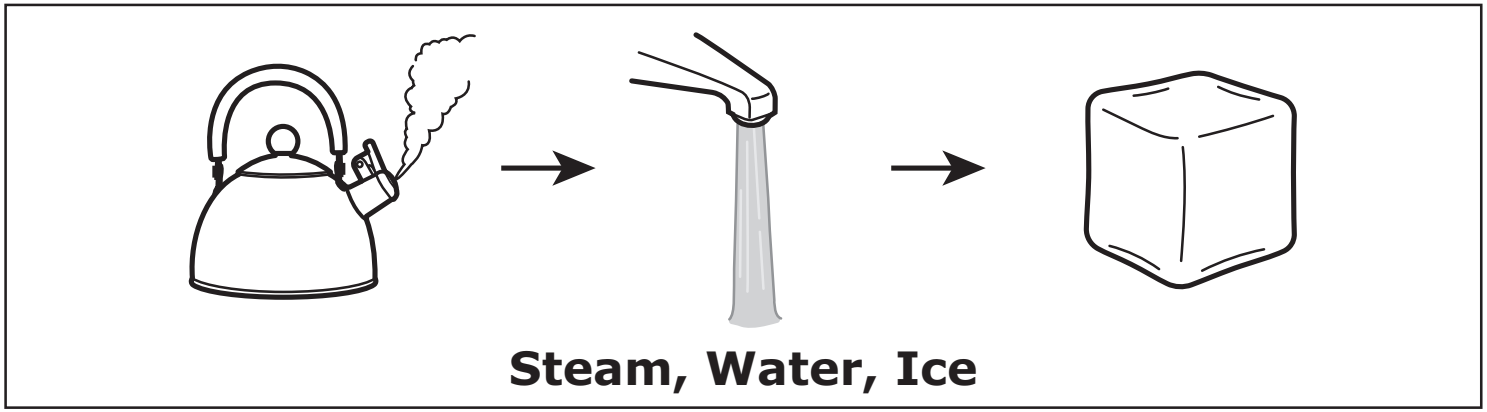
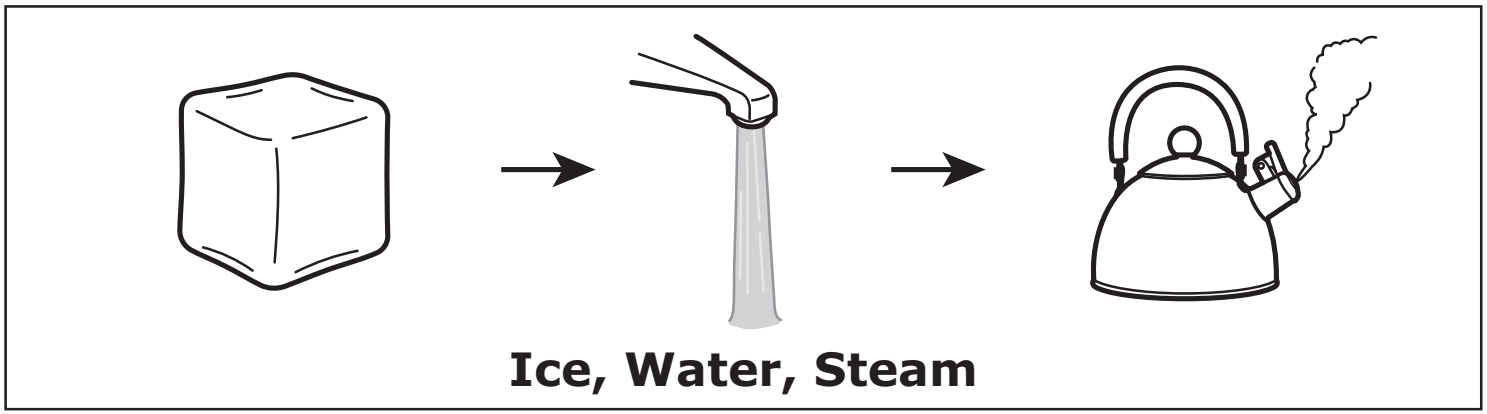
A



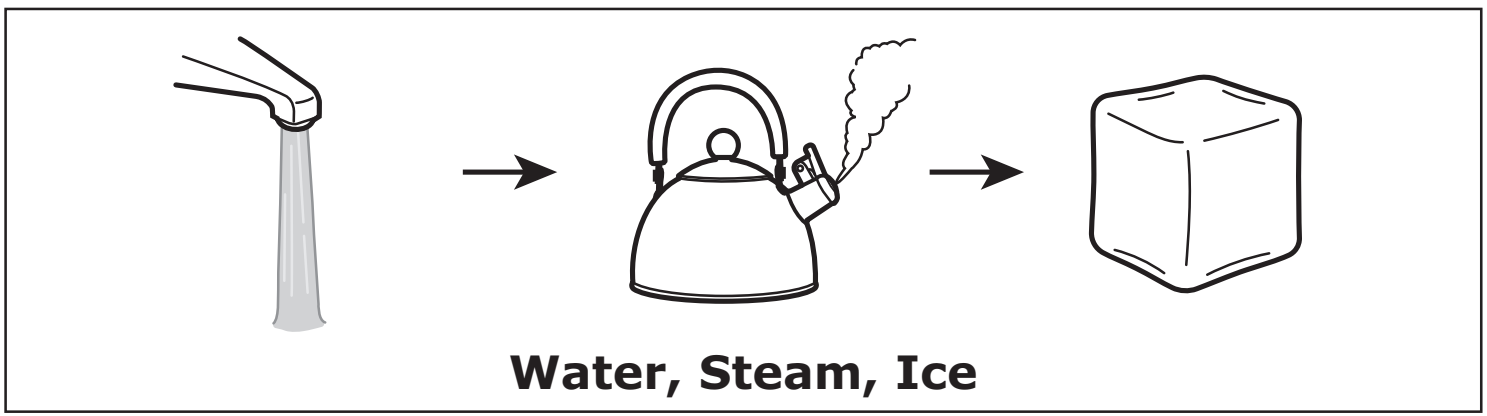
Task 2 Part C2

B



Task 2 Part C2

C



Task 2 Part C2

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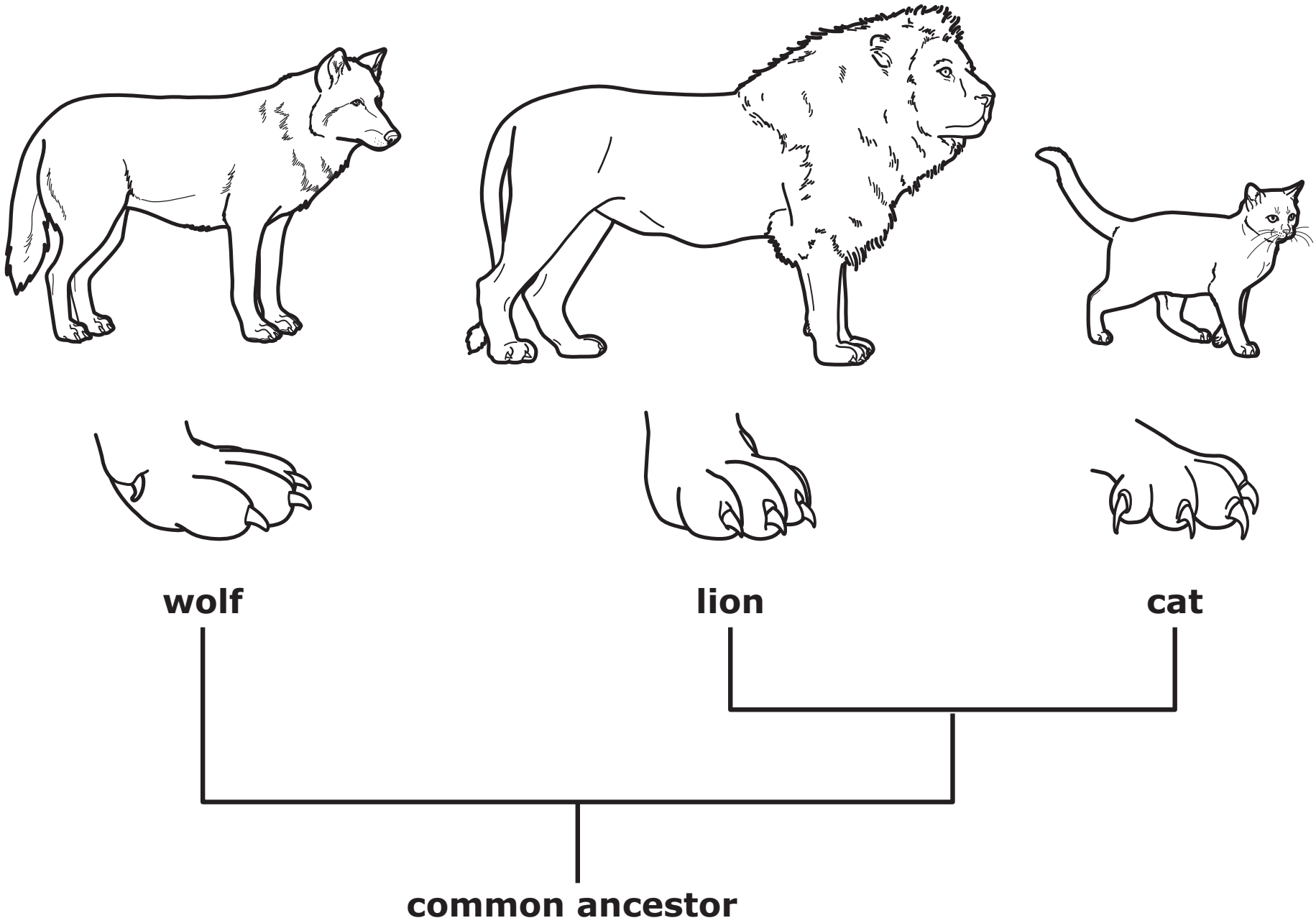

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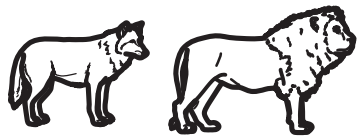
A



the wolf and the lion

Task 3 Part A1

B

the lion and the cat

Task 3 Part A1

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A

Only lions and cats have a tail.

Task 3 Part B1

B

Only lions and cats have four limbs.

Task 3 Part B1

C

Only lions and cats use their sharp claws to climb trees.

Task 3 Part B1

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Organism Characteristics
have gills and dry scales
have feathers and claws
have fur and claws

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A

have gills and dry scales

Task 3 Part C2

B

have feathers and claws

Task 3 Part C2

C

have fur and claws

Task 3 Part C2

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