

Kentucky Summative Assessments



Grade 7 Science **Released Items** 2025



A crew member working for the Division of Water (DOW) observes that a local drinking-water reservoir has had algal blooms recently. She knows that algal blooms can make drinking water unsafe. She makes a list of the conditions that can increase the chances of algal blooms:

- improper circulation of water, leading to low levels of dissolved oxygen
- warmer-than-normal temperatures during summer months
- too much nitrogen and phosphorus in the water from fertilizer runoff
- long periods of sunny weather

She comes up with several solutions for preventing or reducing algal blooms:

1. Reduce nitrogen and phosphorus by using compost instead of fertilizer in surrounding areas.
2. Reduce erosion by planting trees and shrubs on the banks of the reservoir and its tributaries.
3. Improve water flow by installing fountains in the reservoir.

Details and drawbacks of each solution are shown in Figure 1.

Figure 1. Details and Drawbacks of Three Solutions to Algal Blooms

Solution	Details	Drawbacks
1	• Runoff from compost does not add significant amounts of nutrients into a body of water. • Composting uses food waste.	• Compost can take up to a year to make. • Compost may not contain enough nutrients to support healthy plant life.
2	• Plant roots absorb surface water through the soil. • Plant roots hold soil together.	• Plants can be expensive. • Plants take a while to grow. • The plants may not survive.
3	• Putting a fountain in a reservoir adds oxygen to the water. • Water flow within the reservoir is improved.	• One fountain covers only a small area, so many may be needed. • Fountains need to be maintained.

**1**

SC072400601_2

Based on the components of the system and their interactions, when are algal blooms most likely to occur?

- A** When a high concentration of fertilizer in runoff occurs with lower temperatures
- B** When a high concentration of fertilizer in runoff occurs with higher temperatures
- C** When a low concentration of fertilizer in runoff occurs with a large volume of flowing water
- D** When a low concentration of fertilizer in runoff occurs with lower amounts of waste entering the reservoir



Released Item Performance

Kentucky Summative Assessments

Spring 2025

Grade 7

Science

Item: SC072400601

Book Question Number: 1

Standard: 5-ESS3-1

Item Type: MC

Key: B

Student Group	Number of Students	Percent Correct	Average Item Score	Item Breakout Statistics - Answer Choice Options			
				A (%)	B (%)	C (%)	D (%)
All Students	8,871	49%	0.49	13%	49%	22%	15%
Gender							
Female	4,081	50%	0.50	12%	50%	22%	16%
Male	4,790	48%	0.48	14%	48%	22%	15%
Ethnicity							
African American	1,080	41%	0.41	17%	41%	25%	17%
American Indian or Alaska Native	12	33%	0.33	0%	33%	50%	17%
Asian	209	55%	0.55	12%	55%	20%	14%
Hispanic or Latino	1,267	42%	0.42	15%	42%	25%	18%
Native Hawaiian or Pacific Islander	24	29%	0.29	38%	29%	25%	8%
White (non-Hispanic)	5,835	52%	0.52	12%	52%	21%	15%
Two or more races	444	48%	0.48	14%	48%	22%	16%
Migrant							
Migrant	91	45%	0.45	18%	45%	26%	11%
English Learner							
English Learner	1,277	37%	0.37	16%	37%	28%	19%
Economically Disadvantaged							
Economically Disadvantaged	5,803	45%	0.45	15%	45%	24%	17%
Students with Disabilities							
Students with Disabilities	2,979	39%	0.39	17%	39%	26%	18%



SC072400603

2

Some of the shoreline of the reservoir is adjacent to farmland where fertilizers are used. The crew members work with the farmers to reduce the occurrence of algal blooms. Based on the information, describe a solution that is the **best** fit for the farmers to help reduce algal blooms.

Complete the sentence by selecting the correct answers from the drop-down menus.

The farmers could use , which would reduce the amount of in runoff.

Item Drop Down Options:

Some of the shoreline of the reservoir is adjacent to farmland where fertilizers are used. The crew members work with the farmers to reduce the occurrence of algal blooms. Based on the information, describe a solution that is the **best** fit for the farmers to help reduce algal blooms.

Complete the sentence by selecting the correct answers from the drop-down menus.

The farmers could use , which would reduce in runoff.

**Correct Answer:**

Some of the shoreline of the reservoir is adjacent to farmland where fertilizers are used. The crew members work with the farmers to reduce the occurrence of algal blooms. Based on the information, describe a solution that is the **best** fit for the farmers to help reduce algal blooms.

Complete the sentence by selecting the correct answers from the drop-down menus.

The farmers could use , which would reduce the amount of in runoff.



Released Item Performance

Kentucky Summative Assessments

Spring 2025

Grade 7

Science

Item: SC072400603

Book Question Number: 2

Standard: 5-ESS3-1

Item Type: TE

Key: see below

Student Group	Number of Students	Percent Correct	Average Item Score	Item Breakout Statistics - Score Percentages	
				Score 0 (%)	Score 1 (%)
All Students	8,840	30.8%	0.31	69%	31%
Gender					
Female	4,059	30.0%	0.30	70%	30%
Male	4,781	31.5%	0.32	68%	32%
Ethnicity					
African American	1,076	24.1%	0.24	76%	24%
American Indian or Alaska Native	12	16.7%	0.17	83%	17%
Asian	206	32.0%	0.32	68%	32%
Hispanic or Latino	1,265	25.2%	0.25	75%	25%
Native Hawaiian or Pacific Islander	23	13.0%	0.13	87%	13%
White (non-Hispanic)	5,815	33.6%	0.34	66%	34%
Two or more races	443	27.8%	0.28	72%	28%
Migrant					
Migrant	91	24.2%	0.24	76%	24%
English Learner					
English Learner	1,272	22.2%	0.22	78%	22%
Economically Disadvantaged					
Economically Disadvantaged	5,789	27.9%	0.28	72%	28%
Students with Disabilities					
Students with Disabilities	2,957	24.6%	0.25	75%	25%

Key: Drop Down 1: should have option 1 chosen. Drop Down 2: should have option 1 chosen.



3

SC072400604_5,3

Based on the information, which statements correctly describe the two most effective solutions for preventing algal blooms, and why?

Select **two** correct answers.

- A** Solution 1, because it would remove the need for fertilizer, which limits a cause of algal blooms
- B** Solution 1, because it would reduce food waste
- C** Solution 2, because it would prevent excess nutrients and runoff from entering the waterways
- D** Solution 2, because the plants will not need to be fertilized like the areas surrounding the reservoir
- E** Solution 3, because it would prevent stagnant water and would lead to slightly lower water temperatures



Released Item Performance

Kentucky Summative Assessments

Spring 2025

Grade 7

Science

Item: SC072400604

Book Question Number: 3

Standard: 5-ESS3-1

Item Type: MS

Key: C,E

Student Group	Number of Students	Percent Correct	Average Item Score	Item Breakout Statistics - Score Percentages		
				Score 0 (%)	Score 1 (%)	Score 2 (%)
All Students	8,865	45.0%	0.90	26%	58%	16%
Gender						
Female	4,076	45.8%	0.92	25%	59%	17%
Male	4,789	44.2%	0.88	27%	58%	15%
Ethnicity						
African American	1,078	43.6%	0.87	29%	54%	17%
American Indian or Alaska Native	12	45.8%	0.92	17%	75%	8%
Asian	209	46.9%	0.94	22%	61%	16%
Hispanic or Latino	1,266	44.9%	0.90	28%	55%	17%
Native Hawaiian or Pacific Islander	23	47.8%	0.96	30%	43%	26%
White (non-Hispanic)	5,833	45.2%	0.90	25%	60%	15%
Two or more races	444	44.8%	0.90	26%	59%	15%
Migrant						
Migrant	91	48.4%	0.97	21%	62%	18%
English Learner						
English Learner	1,273	43.2%	0.86	30%	54%	16%
Economically Disadvantaged						
Economically Disadvantaged	5,799	43.8%	0.88	28%	56%	16%
Students with Disabilities						
Students with Disabilities	2,978	41.6%	0.83	31%	55%	14%



4

SC072400605

Short Answer Directions: Read the question carefully. Then enter your answer in the space provided.

The crew member's manager informs her that the department has enough money to pick one very expensive solution or two less expensive solutions. Based on this constraint, construct an argument that outlines which solution or solutions the department should use, and why.



Released Item Performance

Kentucky Summative Assessments

Spring 2025

Grade 7

Science

Item: SC072400605

Book Question Number: 4

Standard: 5-ESS3-1

Item Type: SA

Key: Rubric

Student Group	Number of Students	Percent Correct	Average Item Score	Item Breakout Statistics - Score Percentages		
				Score 0 (%)	Score 1 (%)	Score 2 (%)
All Students	8,309	20.8%	0.42	63%	32%	5%
Gender						
Female	3,907	24.2%	0.48	58%	35%	7%
Male	4,402	17.8%	0.36	68%	29%	3%
Ethnicity						
African American	979	14.1%	0.28	75%	21%	3%
American Indian or Alaska Native	12	20.8%	0.42	58%	42%	0%
Asian	201	29.1%	0.58	48%	46%	6%
Hispanic or Latino	1,129	14.9%	0.30	73%	24%	3%
Native Hawaiian or Pacific Islander	23	15.2%	0.30	70%	30%	0%
White (non-Hispanic)	5,555	22.9%	0.46	60%	35%	6%
Two or more races	410	21.0%	0.42	64%	29%	6%
Migrant						
Migrant	84	14.3%	0.29	74%	24%	2%
English Learner						
English Learner	1,128	11.8%	0.24	78%	20%	2%
Economically Disadvantaged						
Economically Disadvantaged	5,358	17.4%	0.35	69%	27%	4%
Students with Disabilities						
Students with Disabilities	2,725	12.1%	0.24	77%	22%	1%

Rubric

Score	Description
2	There is evidence in this response that the student has a complete and thorough understanding of the multi-dimensional question as evidenced by their explanation of the phenomenon and/or solution to the problem. The response is complete, thorough and correct and based on appropriate knowledge and skills. The response does not contain errors or flaws in logical thinking or those flaws are irrelevant to the accuracy of the answer. The response reflects complete synthesis and understanding of complex ideas. The response is completely coherent and based on effective application of relevant dimensions (SEP and/or DCI and/or CC). The response integrates a solution that is completely correct and based on the principles of engineering design (if applicable).
1	There is evidence in this response that the student has a minimal understanding of the multi-dimensional question as evidenced by their explanation of the phenomenon and/or solution to the problem. The response is minimal and/or the question is answered using minimal understanding of knowledge and skills. The response may contain major significant errors or flaws in logical thinking. The response reflects a minimal synthesis and understanding of complex ideas. The response is not coherent or is not based on application of relevant dimensions (SEP and/or DCI and/or CC). The response integrates a solution that is minimally correct and may or may not be based on the principles of engineering design (if applicable).
0	There is no evidence that the student has an understanding of the material related to the question being asked in terms of science content and logical thinking skills. The response is blank, entirely incorrect and/or irrelevant.

Anchor Set

A1

the expensive solution might be better because it being expensive that means it works better and it woks faster but the two cheap solutions is more affordable for people than the expensive solution
i feel like the expensive one wins!!!.

Anchor Annotation, Paper 1

Score Point 0

There is no evidence that the student has an understanding of the material related to the question. The response is vague and does not identify a specific solution.

A2

I would chose the 2 less expensive ones because you could get 2 for cheaper then you could get one and you could change anything on the cheaper options.

Anchor Annotation, Paper 2

Score Point 0

There is no evidence that the student has an understanding of the material related to the question. The response does not identify specific solutions or use evidence from the stimulus.

A3

1. They should used solution 1 becuase it say,Reduce nitrogen and phosphorus by using compost instead of fertilzer in surrounding areas.

Anchor Annotation, Paper 3

Score Point 0

There is no evidence that the student has an understanding of the material related to the question. A solution choice is made with quoted text of what the solution is, but the response does not include a reason why that option was chosen or the benefits of that solution.

Note that just stating a choice of solutions is not sufficient to demonstrate a minimal understanding of the material related to the question (“construct an argument”). A stronger response includes some reasoning for the chosen solution in order to demonstrate understanding in terms of knowledge and skills.

In my opinion the department should use solution three because it improves waterflow in the reservoir is improved and and the drawbacks are that there would need to be a lot of fountains and they need to be maintained with would't be a problem because they have a bigger budget.

Anchor Annotation, Paper 4

Score Point 1

There is evidence that the student has a minimal understanding of the material related to the question. The response selects Solution 3 and supports it with evidence from the stimulus (*because it improves waterflow in the reservoir is improved*). The response reflects a minimal synthesis and understanding of complex ideas (*the drawbacks are that there would need to be a lot of fountains and they need to be maintained [which] would't be a problem because they have a bigger budget*). The response does not provide any comparison to the other solutions to construct an argument for why this particular solution was chosen over the others.

I think that the crew member should use 1 very expensive solution. I think they should use solution 2. According to solution 2, it is very expensive, but I think it is the most effective out of them all. The tree and plant roots on the banks of the reservoir would absorb the access water in runoff which would prevent the algal blooms. This shows how solution 2 is the best solution for the crew member.

Anchor Annotation, Paper 5

Score Point 1

There is evidence that the student has a minimal understanding of the material related to the question. The response selects Solution 2 and supports it with evidence from the stimulus (*The tree and plant roots on the banks of the reservoir would absorb the access water in runoff which would prevent the algal blooms*). The response attempts to provide a comparison to the other solutions (*According to solution 2, it is very expensive, but I think it is the most effective out of them all*) but lacks evidence to support the argument. The response reflects a minimal synthesis and understanding of complex ideas.

Based on this constraint, the department should pick two less expensive solutions like solution 1 and 3. I know this because in the data it says "Plants can be expensive, take a while to grow, the plants may not survive" The data shows us that the department should pick 1 and 3 or two less expensive solutions and not one expensive solution like 1 because one plant is expensive two plants take a while to grow and plants may not survive so costing more money to replace them. The department should pick two less expensive solutions because two less expensive solutions are more effective than one that just costs more.

Anchor Annotation, Paper 6
Score Point 1

There is evidence that the student has a minimal understanding of the material related to the question. The response selects Solutions 1 and 3 and follows with reasoning as to why Solution 2 would not be a good choice (*in the data it says "Plants can be expensive, take a while to grow, the plants may not survive" ... because one plant is expensive two plants take a while to grow and plants may not survive so costing more money to replace them*). The response focuses on Solution 2 and does not provide evidence of why Solutions 1 and 3 would be good choices.

The group should use options 1 and 3, the two non expensive options. The reason for this is that option 2 has many flaws such as the plants take a very long time to grow, they are super expensive, and they may not even survive the growing process. On the other hand, option 1 is cheap, gets rid of most food waste, and reduces nutrients in the water. Along with 3 using fountains that last a long time, improves water flow, and adds oxygen to the water.

Anchor Annotation, Paper 7
Score Point 2

There is evidence that the student has a complete understanding of the material related to the question. Solutions 1 and 3 are selected with reasoning for why Solution 2 would not be the best solution (*the plants take a very long time to grow, they are super expensive, and they may not even survive the growing process*) followed by reasons why 1 and 3 would be better choices (*option 1 is cheap, gets rid of most food waste, and reduces nutrients in the water ... fountains that last a long time, improves water flow, and adds oxygen to the water*). The response reflects complete synthesis and understanding of complex ideas.

The department should pick the expensive option and opt for the plants. One of the main causes of the algal bloom is excess nutrients getting in the water. The plants will absorb these nutrients which will in turn help the water. Along with solution 2 being the most effective it is also the most efficient. Solution 1 requires compost which can take a long time (unlike the plants which can start absorbing once their roots come in) but also may not even be enough to fix the problem. Solution 3 is a lot less efficient than 2 and maybe even more expensive. Since the fountains still have to be maintained the town would constantly have to spend money to fix them. Along with this the fountains don't cover a large area and would most definitely would need more to not get the same quality as 2. Solution 2 is the correct choice because it is the most efficient.

Anchor Annotation, Paper 8
Score Point 2

There is evidence that the student has a complete understanding of the material related to the question. Solution 2 is selected (*pick the expensive option and opt for the plants*) with reasoning as to why Solution 2 is the best option (*One of the main causes of the algal bloom is excess nutrients getting in the water. The plants will absorb these nutrients which will in turn help the water ... plants which can start absorbing once their roots come in ... it is the most efficient*) followed by reasons why Solutions 1 and 3 would not be the best options (*Solution 1 requires compost which can take a long time ... may not even be enough to fix the problem ... Solution 3 is a lot less efficient ... the fountains still have to be maintained the town would constantly have to spend money to fix them ... don't cover a large area*). The response reflects complete synthesis and understanding of complex ideas.

The solution that the department should use is solution 3. Solution 3 could be useful because it isn't expensive and the water flow could be useful. On the chart beside solution 3 under details it says, "Putting a fountain in a reservoir adds oxygen to the water" and, "Water flow within the reservoir is improved." This means it will improve and lead to no algal blooms. The reason this is so important is because it allows the water to be clean and capable to drink. Although the fountain covers a small area and more plants will be needed, the crew managers have enough money to make it possible. If the crew managers chose solution 2, it would cost a fortune to buy plants. Solution 1 would be no help either because it will take too long for the compost to be made and the compost may not contain enough nutrients.

Anchor Annotation, Paper 9
Score Point 2

There is evidence that the student has a complete understanding of the material related to the question. The response selects Solution 3 and supports it with evidence from the stimulus (*On the chart beside solution 3 under details it says, "Putting a fountain in a reservoir adds oxygen to the water" and, "Water flow within the reservoir is improved"*). The response provides a coherent discussion (*Solution 3 could be useful because it isn't expensive and the water flow could be useful ... it will improve and lead to no algal blooms. The reason this is so important is because it allows the water to be clean and capable to drink*) and supports the argument with evidence as to why the other solutions should not be used (*Although the fountain covers a small area and more plants will be needed, the crew managers have enough money to make it possible. If the crew managers chose solution 2, it would cost a fortune to buy plants. Solution 1 would be no help either because it will take too long for the compost to be made and the compost may not contain enough nutrients*). The response reflects complete synthesis and understanding of complex ideas.



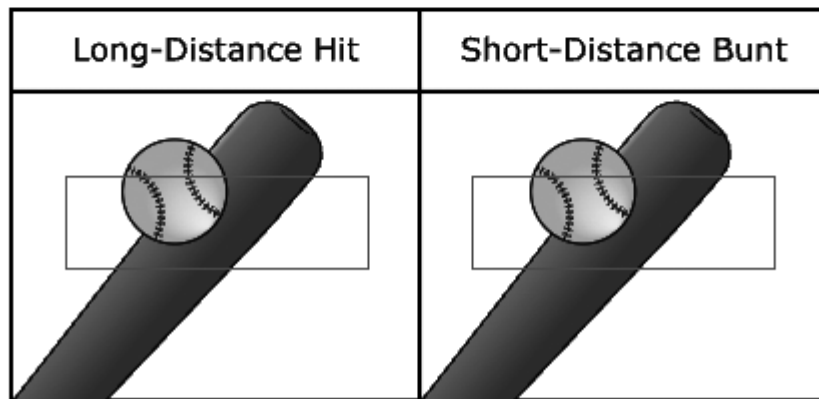
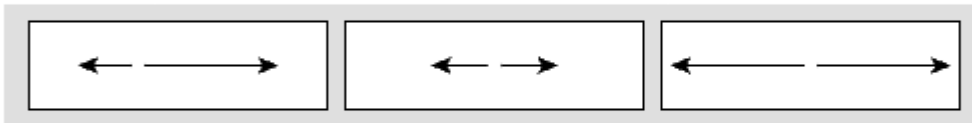
SC072402208

5

During a baseball game, a batter wants to bunt the ball so that it travels a very short distance instead of being hit into the outfield. The diagrams represent the bat striking the ball for a long-distance hit and for a short-distance bunt. The length of each arrow represents the amount of force.

Identify the action-reaction pairs that represent the forces the bat and ball exert on each other at the moment of impact.

Move the correct answer to each box. Not all answers will be used.





Released Item Performance

Kentucky Summative Assessments

Spring 2025

Grade 7

Science

Item: SC072402208

Book Question Number: 5

Standard: 06-PS2-1

Item Type: TE

Key: see below

Student Group	Number of Students	Percent Correct	Average Item Score	Item Breakout Statistics - Score Percentages	
				Score 0 (%)	Score 1 (%)
All Students	5,260	51.8%	0.52	48%	52%
Gender					
Female	2,624	52.9%	0.53	47%	53%
Male	2,636	50.6%	0.51	49%	51%
Ethnicity					
African American	523	49.5%	0.50	50%	50%
American Indian or Alaska Native	<10	****	****	****	****
Asian	119	54.6%	0.55	45%	55%
Hispanic or Latino	474	44.9%	0.45	55%	45%
Native Hawaiian or Pacific Islander	<10	****	****	****	****
White (non-Hispanic)	3,854	52.7%	0.53	47%	53%
Two or more races	278	53.2%	0.53	47%	53%
Migrant					
Migrant	18	38.9%	0.39	61%	39%
English Learner					
English Learner	192	45.3%	0.45	55%	45%
Economically Disadvantaged					
Economically Disadvantaged	2,991	50.8%	0.51	49%	51%
Students with Disabilities					
Students with Disabilities	374	52.7%	0.53	47%	53%

Key: The Long-Distance Hit picture should contain Longest pair of equal length arrows. The Short-Distance Bunt should contain Shortest pair of equal length arrows.

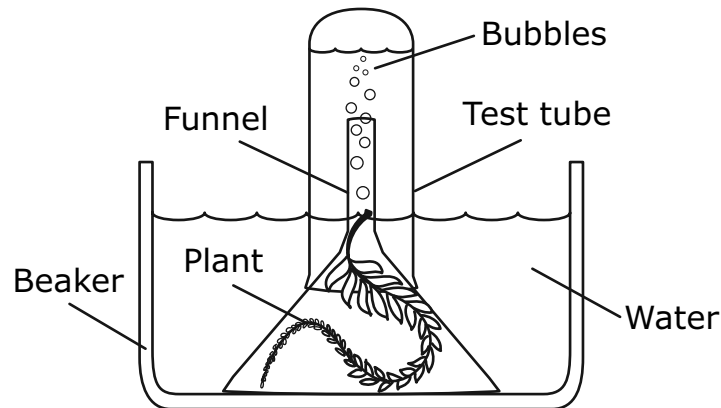
**** In order to protect student identification required by the Family Educational Rights and Privacy ACT (FERPA) and to avoid misrepresentation of results due to limited number of students, performance results are suppressed for groups with fewer than 10 students.



6

SC072400306_2

A student is performing an experiment using aquatic plants. She places an aquatic plant in a beaker of water and covers it with a glass funnel. The bubbles coming from the plant will be trapped by a test tube, as shown. The student has two identical setups and places one in direct sunlight and the other in the dark. The student observes that the one in direct sunlight produces many bubbles, as shown, and the one in the dark produces no bubbles.



Which statement best summarizes what is happening in the experiment?

- A** The plant in the sunlight uses light to convert oxygen and water into carbon dioxide, which is released as gas bubbles.
- B** The plant in the sunlight uses light to convert carbon dioxide and water into oxygen, which is released as gas bubbles.
- C** The plant in the dark uses water to absorb oxygen gas and create simple sugars using carbon dioxide.
- D** The plant in the dark uses water to absorb carbon dioxide gas and create simple sugars using oxygen.



Released Item Performance

Kentucky Summative Assessments

Spring 2025

Grade 7

Science

Item: SC072400306

Book Question Number: 6

Standard: 06-LS1-6

Item Type: MC

Key: B

Student Group	Number of Students	Percent Correct	Average Item Score	Item Breakout Statistics - Answer Choice Options			
				A (%)	B (%)	C (%)	D (%)
All Students	5,303	52%	0.52	35%	52%	9%	5%
Gender							
Female	2,581	50%	0.50	37%	50%	9%	5%
Male	2,722	53%	0.53	34%	53%	9%	4%
Ethnicity							
African American	529	43%	0.43	39%	43%	12%	6%
American Indian or Alaska Native	<10	****	****	****	****	****	****
Asian	150	69%	0.69	23%	69%	5%	3%
Hispanic or Latino	449	50%	0.50	35%	50%	10%	5%
Native Hawaiian or Pacific Islander	10	50%	0.50	30%	50%	20%	0%
White (non-Hispanic)	3,848	53%	0.53	35%	53%	8%	4%
Two or more races	315	47%	0.47	37%	47%	10%	6%
Migrant							
Migrant	17	29%	0.29	59%	29%	12%	0%
English Learner							
English Learner	208	42%	0.42	34%	42%	16%	8%
Economically Disadvantaged							
Economically Disadvantaged	3,055	49%	0.49	36%	49%	10%	5%
Students with Disabilities							
Students with Disabilities	381	49%	0.49	31%	49%	12%	7%

**** In order to protect student identification required by the Family Educational Rights and Privacy ACT (FERPA) and to avoid misrepresentation of results due to limited number of students, performance results are suppressed for groups with fewer than 10 students.



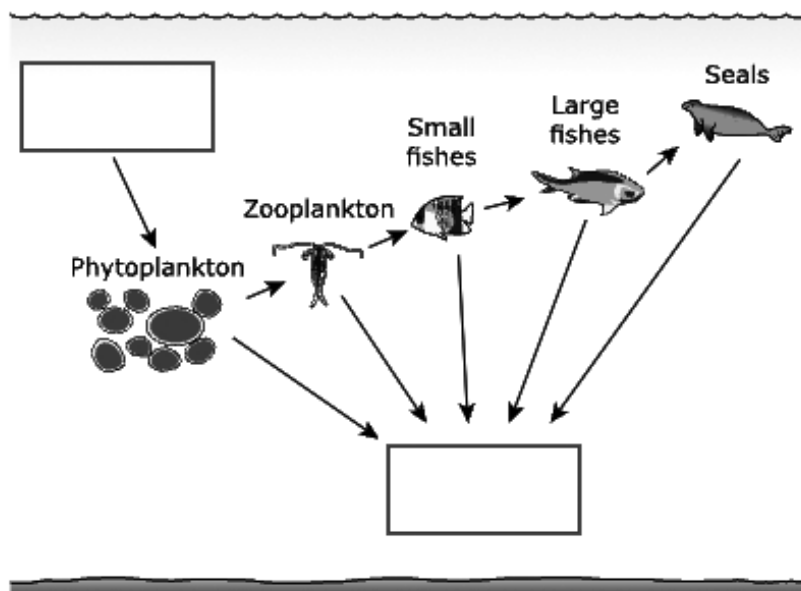
SC072401806

7

A student is developing a food web for an ocean ecosystem. The student needs to add a few more labels and arrows that show the flow of matter and energy.

Complete the model to show the movement of matter and energy.

Move the correct answer to each box. Not all answers will be used.





Released Item Performance

Kentucky Summative Assessments

Spring 2025

Grade 7

Science

Item: SC072401806

Book Question Number: 7

Standard: 5-LS2-1

Item Type: TE

Key: see below

Student Group	Number of Students	Percent Correct	Average Item Score	Item Breakout Statistics - Score Percentages	
				Score 0 (%)	Score 1 (%)
All Students	5,304	20.8%	0.21	79%	21%
Gender					
Female	2,581	17.7%	0.18	82%	18%
Male	2,723	23.8%	0.24	76%	24%
Ethnicity					
African American	529	15.5%	0.16	84%	16%
American Indian or Alaska Native	<10	****	****	****	****
Asian	150	32.0%	0.32	68%	32%
Hispanic or Latino	448	13.8%	0.14	86%	14%
Native Hawaiian or Pacific Islander	10	20.0%	0.20	80%	20%
White (non-Hispanic)	3,849	22.1%	0.22	78%	22%
Two or more races	315	18.7%	0.19	81%	19%
Migrant					
Migrant	17	17.6%	0.18	82%	18%
English Learner					
English Learner	207	10.1%	0.10	90%	10%
Economically Disadvantaged					
Economically Disadvantaged	3,055	17.9%	0.18	82%	18%
Students with Disabilities					
Students with Disabilities	380	16.6%	0.17	83%	17%

Key: Sunlight goes into Gap 1 (which points toward phytoplankton), Decomposers goes into Gap 2 (below all other organisms).

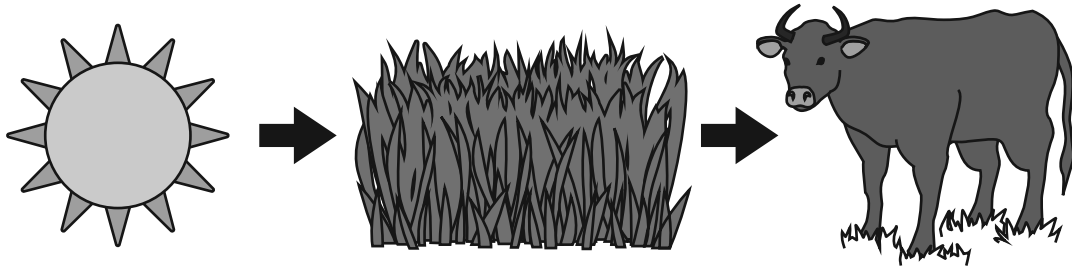
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8

SC072402001_1

A local cattle rancher gives a presentation on the origins of food in the community. During the presentation, he uses the model shown.



Which of these would be the **best** label for the arrows?

- A** Energy
- B** Matter
- C** Heat
- D** Light



Released Item Performance

Kentucky Summative Assessments

Spring 2025

Grade 7

Science

Item: SC072402001

Book Question Number: 8

Standard: 5-PS3-1

Item Type: MC

Key: A

Student Group	Number of Students	Percent Correct	Average Item Score	Item Breakout Statistics - Answer Choice Options			
				A (%)	B (%)	C (%)	D (%)
All Students	5,377	87%	0.87	87%	7%	3%	3%
Gender							
Female	2,620	86%	0.86	86%	7%	4%	3%
Male	2,757	87%	0.87	87%	7%	3%	3%
Ethnicity							
African American	477	75%	0.75	75%	12%	8%	5%
American Indian or Alaska Native	10	90%	0.90	90%	0%	10%	0%
Asian	122	90%	0.90	90%	6%	2%	2%
Hispanic or Latino	466	83%	0.83	83%	8%	3%	6%
Native Hawaiian or Pacific Islander	11	73%	0.73	73%	9%	0%	18%
White (non-Hispanic)	4,006	89%	0.89	89%	6%	3%	3%
Two or more races	285	82%	0.82	82%	10%	4%	4%
Migrant							
Migrant	19	74%	0.74	74%	11%	5%	11%
English Learner							
English Learner	204	72%	0.72	72%	10%	6%	12%
Economically Disadvantaged							
Economically Disadvantaged	3,111	83%	0.83	83%	8%	5%	4%
Students with Disabilities							
Students with Disabilities	432	76%	0.76	76%	9%	7%	7%



Investing in Kentucky's Future, One Student at a Time