

Tennessee Comprehensive Assessment Program

TCAP

Grade 7 Science Alternative Assessment Item Release





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Table of Contents

Metadata Interpretation Guide – ALT Science and Social Studies	4
ITEM INFORMATION	4
METADATA DEFINITIONS	4
Grade 7 Science ALT Items	5
Grade 7 Science ALT Directions for Test Administration (Teacher Book)	9

Metadata Interpretation Guide – ALT Science and Social Studies

ITEM INFORMATION

ETS Item Code:	TAS01S0477	Category:	Biodiversity and Change
Item ID:	1273	Correct Answer:	B
DOK Level:	2	Content:	Science
Level:	1	Grade:	10
Standard Code:	3210.5.1	Item Type:	SR
Standard Text:	Compare and contrast the structural, functional, and behavioral adaptations of animals or plants found in different environments.	Points:	1
AAT or UC Text:	Compare physical characteristics of animals advantageous for survival in their environments.	AAT or UC:	UC

METADATA DEFINITIONS

ETS Item Code: Unique letter/number code used to identify the item.	Category: Text of the Reporting Category the standard assesses.
Item ID: Unique number code the vendor uses to identify the item internally.	Correct Answer: Correct answer. For multi part items correct answers are listed in order, separated by a comma.
DOK Level: (if listed): Depth of Knowledge (cognitive complexity) is measured on the following scale: 2 = Memorize/Recall, 3 = Performance, 4 = Comprehension.	Content: Subject.
Level: Tier, on the following scale: 1 = SR item with two options, lower complexity; 2 = SR item with three options, moderate complexity; 3 = MP item includes 3 questions with two answer options each, higher complexity.	Grade: Grade level.
Standard Code: Primary educational standard assessed.	Item Type: SR for single response multiple choice item, MP for multiple part multiple choice items.
Standard Text: Text of the educational standard assessed.	Points: Maximum points possible for this item.
AAT or UC Text: Text of the Alternate Assessment Target or Underlying concept	AAT or UC: Alternate Assessment Target or Underlying Concept.

Item Information

ETS Item Code: TAS01S0285	Content: Science
Item ID: 1169	Grade: 07
DOK Level: 2	Item Type: SR
Level: 1	Points: 1
Standard Code: 0707.1.3	AAT or UC: UC
Standard Text: Explain the basic functions of a major organ system.	
AAT or UC Text: Recognize major organs of animals.	
Category: Cells, Flow of Matter & Energy	
Correct Answer: B	

This is about organs.

The digestive system breaks down food so the body can use it for energy.

The digestive system is made up of several organs. The mouth is an organ in the digestive system. Food enters the body through the mouth.

Which organ is also part of the digestive system?

- A. heart
- B. stomach

Item Information

ETS Item Code: TAS01S0286	Content: Science
Item ID: 1170	Grade: 07
DOK Level: 3	Item Type: SR
Level: 2	Points: 1
Standard Code: 0707.1.3	AAT or UC: AAT
Standard Text: Explain the basic functions of a major organ system.	
AAT or UC Text: Identify the basic functions of major organ systems.	
Category: Cells, Flow of Matter & Energy	
Correct Answer: A	

This is about organ systems.

Animals have a number of different organs. Muscles and tendons are organs that work together in a system to help an animal move.

Which organ system works with the muscles and the tendons to protect and support the weight of the body?

- A. skeletal
- B. digestive
- C. respiratory

Item Information

ETS Item Code: TAS01S0287	Content: Science
Item ID: 1171	Grade: 07
DOK Level: 4	Item Type: MP
Level: 3a	Points: 3
Standard Code: 0707.1.3	AAT or UC: AAT
Standard Text: Explain the basic functions of a major organ system.	
AAT or UC Text: Identify the basic functions of major organ systems.	
Category: Cells, Flow of Matter & Energy	
Correct Answer: B,A,B	

This is about organ systems.

Animals have a number of different organs. Organs work together in a system. The lungs and the trachea are part of the respiratory system.

Does the respiratory system cause an animal to sweat?

A. YES

B. NO

Does the respiratory system allow an animal to breathe?

A. YES

B. NO

Does the respiratory system allow an animal to digest food?

A. YES

B. NO

Item Information

ETS Item Code: TAS01S0288	Content: Science
Item ID: 1172	Grade: 07
DOK Level: 4	Item Type: MP
Level: 3b	Points: 3
Standard Code: 0707.1.3	AAT or UC: AAT
Standard Text: Explain the basic functions of a major organ system.	
AAT or UC Text: Identify the basic functions of major organ systems.	
Category: Cells, Flow of Matter & Energy	
Correct Answer: B,A,B	

This is about organ systems.

Animals have a number of different organs. Organs work together in a system. The heart and the blood vessels are part of the circulatory system.

Does the circulatory system digest food? A. YES B. NO

Does the circulatory system bring oxygen to muscles? A. YES B. NO

Does the circulatory system support the weight of an animal's body? A. YES B. NO

Grade 7 Science ALT Directions for Test Administration (Teacher Book)

Item Information

ETS Item Code: TAS01S0285	Content: Science
Item ID: 1169	Grade: 07
DOK Level: 2	Item Type: SR
Level: 1	Points: 1
Standard Code: 0707.1.3	AAT or UC: UC
Standard Text: Explain the basic functions of a major organ system.	
AAT or UC Text: Recognize major organs of animals.	
Category: Cells, Flow of Matter & Energy	
Correct Answer: B	

This is about organs.

The digestive system breaks down food so the body can use it for energy.

The digestive system is made up of several organs. The mouth is an organ in the digestive system. Food enters the body through the mouth.

Which organ is also part of the digestive system?

Point to and read each option to the student.

- A. heart
- B. stomach

Item Information

ETS Item Code: TAS01S0286	Content: Science
Item ID: 1170	Grade: 07
DOK Level: 3	Item Type: SR
Level: 2	Points: 1
Standard Code: 0707.1.3	AAT or UC: AAT
Standard Text: Explain the basic functions of a major organ system.	
AAT or UC Text: Identify the basic functions of major organ systems.	
Category: Cells, Flow of Matter & Energy	
Correct Answer: A	

This is about organ systems.

Animals have a number of different organs. Muscles and tendons are organs that work together in a system to help an animal move.

Which organ system works with the muscles and the tendons to protect and support the weight of the body?

Point to and read each option to the student.

- A. skeletal
- B. digestive
- C. respiratory

Item Information

ETS Item Code: TAS01S0287	Content: Science
Item ID: 1171	Grade: 07
DOK Level: 4	Item Type: MP
Level: 3a	Points: 3
Standard Code: 0707.1.3	AAT or UC: AAT
Standard Text: Explain the basic functions of a major organ system.	
AAT or UC Text: Identify the basic functions of major organ systems.	
Category: Cells, Flow of Matter & Energy	
Correct Answer: B,A,B	

This is about organ systems.

Animals have a number of different organs. Organs work together in a system. The lungs and the trachea are part of the respiratory system.

Point to and read each question to the student.

Does the respiratory system cause an animal to sweat?

A. YES

B. NO

Does the respiratory system allow an animal to breathe?

A. YES

B. NO

Does the respiratory system allow an animal to digest food?

A. YES

B. NO

Item Information

ETS Item Code: TAS01S0288	Content: Science
Item ID: 1172	Grade: 07
DOK Level: 4	Item Type: MP
Level: 3b	Points: 3
Standard Code: 0707.1.3	AAT or UC: AAT
Standard Text: Explain the basic functions of a major organ system.	
AAT or UC Text: Identify the basic functions of major organ systems.	
Category: Cells, Flow of Matter & Energy	
Correct Answer: B,A,B	

This is about organ systems.

Animals have a number of different organs. Organs work together in a system. The heart and the blood vessels are part of the circulatory system.

Point to and read each question to the student.

Does the circulatory system digest food? A. YES B. NO

Does the circulatory system bring oxygen to muscles? A. YES B. NO

Does the circulatory system support the weight of an animal's body? A. YES B. NO

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