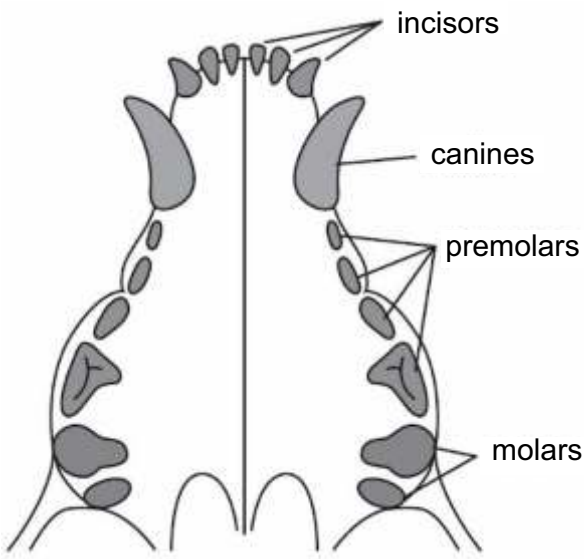
Curriculum Aligned Competency Based Test Items
Science
Class 7 – Chapter 2
Nutrition in Animals

The picture shows arrangement of teeth in the upper jaw of an animal.



SAS21S070201

1 Which animal has a similar teeth arrangement?

A. Deer
B. Dog
C. Rabbit
D. Buffalo

SAS21S070202

2 Which set of teeth is used for biting into food?

A. Incisors
B. Canines
C. Premolars
D. Molars

SAS21S070103

3 Which of these is a part of the digestive system?
Circle 'Yes' or 'No' for each row.

Is this a part of the digestive system?	Yes or No
Teeth	Yes/No
Liver	Yes/No
Rectum	Yes/No

SAS21S070204

4 A baby passed watery stool for two days. The doctor suggested oral rehydration solution (ORS) for the baby. How would the ORS help the baby?

A. It would help in digesting food
B. It would kill the bacteria that caused the infection
C. It would prevent water from moving out of the body
D. It would replace the fluids and minerals lost from the body

SAS21S070205

5 All bacteria present in the digestive system are not harmful. Explain how bacteria present in the digestive system of cows help in the digestion of food.

_____

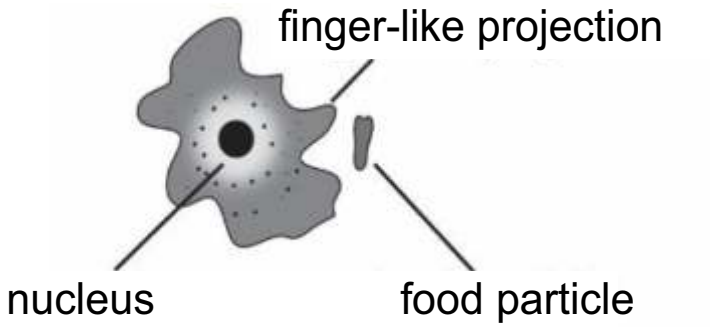
_____

SAS21S070206

6 Where does digestion of food start in the human digestive system?

A. Mouth
B. Stomach
C. Oesophagus
D. Small intestine

Amoeba uses finger-like projections to capture food particles.
The picture shows the first step of the process.



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7 Which of these is the next step of capturing food?

A. 

C. 

B. 

D. 

SAS21S070208

8 What are the finger-like projections called?

_____

_____

SAS21S070209

9 An amoeba ingests a food particle.
Which of these shows the correct sequence of nutrition in the amoeba?

A. Egestion ⟶ Digestion ⟶ Assimilation ⟶ Absorption

B. Digestion ⟶ Absorption ⟶ Assimilation ⟶ Egestion

C. Digestion ⟶ Assimilation ⟶ Absorption ⟶ Egestion

D. Egestion ⟶ Digestion ⟶ Assimilation ⟶ Absorption

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10 What are proteins broken down into?

A. Glucose
B. Glycerol
C. Fatty acids
D. Amino acids

Answers

Item Number	
Question Code	SAS21S070201
Grade & Chapter Name	Grade 7 | Nutrition in Animals
Concept | Sub-concept	Life Science | The Mouth and Buccal Cavity
Competency	Explaining Phenomena Scientifically
Item Type	Multiple Choice Question
Full Credit (Full Score)	B. Dog
No Credit (No Score)	Any other response or missing response

Item Number	Question 2
Question Code	SAS21S070202
Grade & Chapter Name	Grade 7 | Nutrition in Animals
Concept | Sub-concept	Life Science | The Mouth and Buccal Cavity
Competency	Explaining Phenomena Scientifically
Item Type	Multiple Choice Question
Full Credit (Full Score)	A. Incisors
No Credit (No Score)	Any other response or missing response

Item Number	Question 3
Question Code	SAS21S070203
Grade & Chapter Name	Grade 7 | Nutrition in Animals
Concept | Sub-concept	Life Science | Digestion in Humans
Competency	Explaining Phenomena Scientifically
Item Type	Complex Multiple Choice Question
Full Credit (Full Score)	Yes Yes Yes
No Credit (No Score)	Any other response or missing response

Item Number	Question 4
Question Code	SAS21S070204
Grade & Chapter Name	Grade 7 | Nutrition in Animals
Concept | Sub-concept	Life Science | Digestion in Humans
Competency	Explaining Phenomena Scientifically
Item Type	Multiple Choice Question
Full Credit (Full Score)	D. It would replace the fluids and minerals lost from the body.
No Credit (No Score)	Any other response or missing response

Item Number	Question 5
Question Code	SAS21S070205
Grade & Chapter Name	Grade 7 | Nutrition in Animals
Concept | Sub-concept	Life Science | Digestion in Humans
Competency	Explaining Phenomena Scientifically
Item Type	Constructed Response
Full Credit (Full Score)	Mentions that the bacteria present in the rumen of grass eating animals help in digestion of cellulose. For example: • The bacteria help in the digestion of cellulose.
No Credit (No Score)	Any other response or missing response

Item Number	Question 6
Question Code	SAS21S070206
Grade & Chapter Name	Grade 7 | Nutrition in Animals
Concept | Sub-concept	Life Science | Digestion in Humans
Competency	Explaining Phenomena Scientifically
Item Type	Multiple Choice Question
Full Credit (Full Score)	A. Mouth
No Credit (No Score)	Any other response or missing response

Item Number	Question 7
Question Code	SAS21S070207
Grade & Chapter Name	Grade 7 | Nutrition in Animals
Concept | Sub-concept	Life Science | Feeding and Digestion in Amoeba
Competency	Explaining Phenomena Scientifically
Item Type	Multiple Choice Question
Full Credit (Full Score)	C. Image
No Credit (No Score)	Any other response or missing response

Item Number	Question 8
Question Code	SAS21S070208
Grade & Chapter Name	Grade 7 | Nutrition in Animals
Concept | Sub-concept	Life Science | Feeding and Digestion in Amoeba
Competency	Explaining Phenomena Scientifically
Item Type	Constructed Response
Full Credit (Full Score)	Mentions pseudopodia as the finger-like projections. For example: • The finger-like projections are called pseudopodia.
No Credit (No Score)	Any other response or missing response

Item Number	Question 9
Question Code	SAS21S070209
Grade & Chapter Name	Grade 7 | Nutrition in Animals
Concept | Sub-concept	Life Science | Feeding and Digestion in Amoeba
Competency	Explaining Phenomena Scientifically
Item Type	Multiple Choice Question
Full Credit (Full Score)	B. digestion → absorption → assimilation → egestion
No Credit (No Score)	Any other response or missing response

Item Number	Question 10
Question Code	SAS21S070210
Grade & Chapter Name	Grade 7 | Nutrition in Animals
Concept | Sub-concept	Life Science | Digestion in Humans
Competency	Explaining Phenomena Scientifically
Item Type	Multiple Choice Question
Full Credit (Full Score)	D. Amino acids
No Credit (No Score)	Any other response or missing response