

MINISTRY OF EDUCATION
SECONDARY ENGAGEMENT PROGRAMME
INTEGRATED SCIENCE
GRADE 9

Week 2

Lesson 1 - Worksheet 2

1. Write the dental formula of a two year old human baby.
2. A rabbit loves to eat carrots. Explain how the teeth of that animal are suited for that purpose.
3. John normally eats chocolates late in the evenings.
 - (a) Explain why you will discourage him from this habit.
 - (b) Suggest three other bits of advice you will give to him to ensure that his teeth remain in place.
4. Copy and complete the table given below based on the types of teeth present in an adult human being.

Type of tooth	Number	Function	Special features
Incisors			
Canines			
Premolars			
Molars			

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Worksheet - Answers

5. Write the dental formula of a two year old human baby.
i 2/2, c 1/1, pm 2/2
6. A rabbit loves to eat carrots. Explain how the teeth of that animal is suited for that purpose.
Rabbit is an herbivore.
Incisors are present that helps to bite the carrot.
Premolars and molars are present to grind and crush the pieces
No canines present.
7. John normally eats chocolates late in the evenings.
- (c) Explain why you will discourage him from this habit.
Chocolates are rich in sugars which aid tooth decay.
Teeth will not be cleaned properly hence more time for bacteria to act resulting in decay.
- (d) Suggest three other bits of advice you will give to him to ensure that his teeth remain in place.
Make use of antibacterial mouthwash.
Visit the dentist every six months
Use toothpaste and drinking water containing fluoride
Avoid using coffee, tea and soda
Brush teeth regularly

8. Copy and complete the table given below based on the types of teeth present in an adult human being.

Type of tooth	Number	Function	Special features
Incisors	Eight	To bite or cut food	At front of mouth Have sharp edges Chisel-shaped
Canines	Four	To tear food especially flesh	Pointed Long crowns
Premolars	Eight	To crush food and further tear if necessary	Have two ridges
Molars	Twelve	To crush and grind food to small pieces	Have sharp ridges and grooves Have broad surfaces