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.

<table>
<thead>
<tr>
<th>Type of tooth</th>
<th>Number</th>
<th>Function</th>
<th>Special features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incisors</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canines</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Premolars</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Molars</td>
<td></td>
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</tbody>
</table>
MINISTRY OF EDUCATION  
SECONDARY ENGAGEMENT PROGRAMME  
INTEGRATED SCIENCE  
GRADE 9  

Worksheet - Answers

1. Write the dental formula of a two year old human baby.  
   i 2/2, c 1/1, pm 2/2

2. 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

3. 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
4. Copy and complete the table given below based on the types of teeth present in an adult human being.

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</table>
| 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 |