

EaD Comprehensive Lesson Plans



or



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NAME OF TEACHER:

WEEK ENDING...26-05-2023.....

NUMBER ON ROLL:

SUBJECT... SCIENCE

DURATION:

REFERENCE...SYLLABUS(CRDD,2007), SCIENCE FOR JHS

FORM.....BASIC 9.....

WEEK.....8.....

<u>DAY/DURATION</u>	<u>TOPIC/SUB-TOPIC/ASPECT</u>	<u>OBJECTIVES/R.P. K</u>	<u>TEACHER-LEARNER ACTIVITIES</u>	<u>T/L MATERIALS</u>	<u>CORE POINTS</u>	<u>EVALUATION AND REMARKS</u>
MONDAY 22-05-2023	Topic Digestion in Humans Sub-Topic The end Product of Digestion	By the end of the lesson, the Pupil will be able to; Explain the end product of Digestion. RPK Pupils can explain the importance of the digestive system.	Introduction; Review Pupils knowledge on the previous lesson. Activities; 1. Pupils brainstorm to identify the products of digestion. 2. Discuss with Pupils on how the end product of digestion are absorbed into the blood stream. 3. Pupils in small groups discuss and report to the class how the end product of	1. Power Point Presentation 2. Pictures 3. Video	The end product of digestion: 1. All the biomolecules will end up as a precursor or after the completion of the digestion process. 2. Proteins: Protein is broken down by various proteolytic enzymes in the stomach and duodenum such as pepsin, trypsin, chymotrypsin, dipeptidase, exopeptidase,	Exercise; State the end products of the following; i. Protein ii. Fat iii. Vitamin iv. Carbohydrate

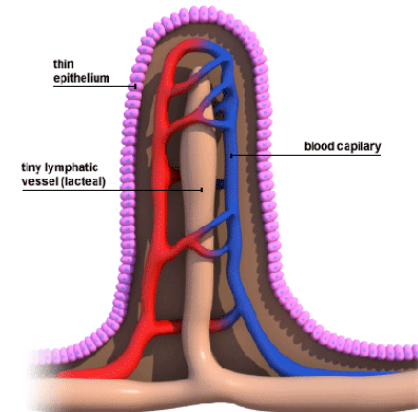
			<p>digestion is used in the Human body.</p> <p>Closure;</p>		<p>etc. end products are amino acids.</p> <p>3. Carbohydrates:</p> <p>Polysaccharides are broken down by salivary amylase enzyme, so the final products are monosaccharides such as glucose, galactose, fructose, etc.</p> <p>4. Fats: The end-products of fats are fatty acids and glycerol.</p> <p>5. Other end products. vitamins, minerals, water.</p>	
<p>THURSDAY</p> <p>25-05-2023</p>	<p>Topic Digestion in Humans</p> <p>Sub-Topic Absorption of end products of digestion</p>	<p>Objective; By the end of the lesson the Pupil will be able to;</p> <p>Describe how the end products of digestion are absorbed.</p> <p>RPK Pupils can identify the end product of food in digestion.</p>	<p>Introduction; Through questions and answers, review Pupils knowledge on the previous lesson.</p> <p>Activities;</p> <ol style="list-style-type: none"> 1. Show a video depicting how the end product of food is absorbed into the blood stream during digestion 		<p>How the End-Products are Absorbed into the Blood Stream</p> <ul style="list-style-type: none"> ○ The nutrients obtained from digestion are absorbed by the body. ○ The use of these absorbed end-products of digestion by the body (cells, tissues and organs) is known as assimilation 	<p>Exercise; Describe how the end product of digestion is absorbed into the blood stream during digestion.</p>


2.

Closure;

- The nutrients enter the blood stream through diffusion.
- This is done by the villus which is a small, finger-like projections that extends into the lumen of the small intestine.
- The villus helps in the absorption in the small intestine. It has a thin wall, one cell thick which helps in the absorption of fatty acids and glycerol into the blood stream.

DIAGRAM OF A VILLUS



<p>FRIDAY</p> <p>26-05-2023</p>	<p>Topic Digestion in Humans</p> <p>Sub-Topic Functions of the Large intestine in digestion.</p>	<p>Objective; By the end of the lesson the Pupil will be able to;</p> <p>Identify the functions of the Large intestine in digestion.</p> <p>RPK Pupils have seen pictures of the Large intestine of the Human stomach.</p>	<p>Introduction; Draw the large intestine of the digestive system on the chalkboard.</p> <p>Activities;</p> <ol style="list-style-type: none"> 1. Assist Pupils to identify the Large intestine of the Human digestive system. 2. Discuss with Pupils about the functions of the Large intestine. 3. Pupils in small groups discuss and report to the class on the differences between the Large intestine and the other organs of the digestive system. <p>Closure; Through questions and answers, conclude the lesson.</p>		<p>Functions of the large intestine</p> <ul style="list-style-type: none"> ▪ absorbing water and electrolytes ▪ producing and absorbing vitamins ▪ forming and propelling faeces toward the rectum for elimination 	<p>REMARKS</p>
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School:

District: