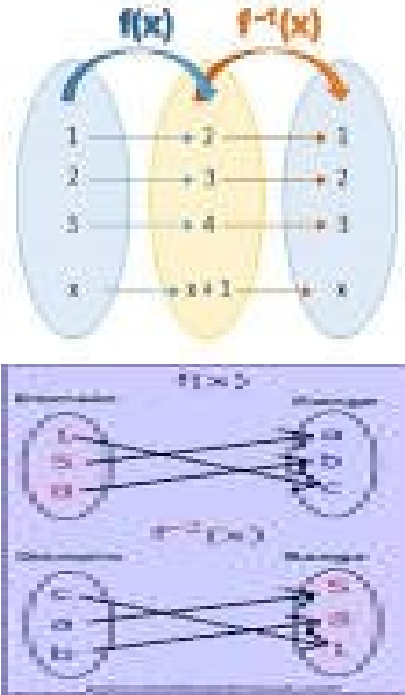


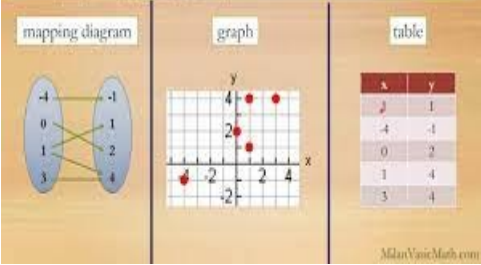
**WEEK ENDING.....14/10/2022.....**

**SUBJECT...MATHEMATICS**

**REFERENCE...SYLLABUS(CRDD.2007), MATHS FOR JHS .....**

**FORM.....BASIC 8.....WEEK.....5.....**

<b><u>DAY/DURATION</u></b>	<b><u>TOPIC/SUB-TOPIC/ASPECT</u></b>	<b><u>OBJECTIVES/R.P. K</u></b>	<b><u>TEACHER-LEARNER ACTIVITIES</u></b>	<b><u>T/L MATERIALS</u></b>	<b><u>CORE POINTS</u></b>	<b><u>EVALUATION AND REMARKS</u></b>
<b>TUESDAY</b>  <b>1:20PM – 2:40PM</b> <b>80min</b>	<b>Topic;</b>  <b>Mapping</b>  <b>Sub-Topic;</b> Inverse mapping	By the end of the lesson the Pupil will be able to;  find the inverse of a given mapping  <b>RPK</b> Pupils have already been taught how to find mapping rules.	<b>Introduction</b> Pupils brainstorm to explain the meaning of inverse mapping.  <b>Activities</b> <ol style="list-style-type: none"> <li>1. Discuss the rules of inverse mapping with the Pupils.</li> <li>2. Guide pupils to discover that inverse mapping is going backwards from the</li> </ol>	<b>Meter Rule, Pictures, Chart, Protractor.</b>	<b>Inverse Mapping;</b> 	<b>Exercise;</b> Find the inverse mapping of the following; <ol style="list-style-type: none"> <li>1. <math>y = 2x + 3</math></li> <li>2. <math>y = x - 4</math></li> <li>3. <math>y = 3x + 2</math></li> </ol>

			<p>second set to the first set.</p> <p>3. Guide Pupils to reverse the operations and their order in a rule.</p> <p><b>Closure</b> Guide Pupils to use flag diagram to work on reversing operations and their order in rule.</p>		<p>Eg. find the inverse of <math>f(x)=3x+2</math></p> $f(x)=3x+2$ $f^{-1}(x)=\frac{x-2}{3}$	
<p><b>THURSDAY</b></p> <p><b>8:05AM – 9:15AM</b> <b>70min</b></p>	<p><b>Topic; Mapping</b></p> <p><b>Sub-Topic;</b></p> <p>Making a table of values for a given rule</p>	<p><b>Objective</b> By the end of the lesson the Pupil will be able to;</p> <p>make a table of values for a rule of a mapping</p> <p><b>RPK</b> Pupils have already been taught how to find mapping rules.</p>	<p><b>Introduction</b> Review Pupils knowledge on the previous lesson.</p> <p><b>Activities</b></p> <ol style="list-style-type: none"> <li>1. Guide Pupils to make tables of values by substituting a set of</li> </ol>	<p><b>Meter Rule, Pictures, Chart, Protractor.</b></p>	<p><b>Example:</b> Express the relation below as a mapping diagram, a graph and table: (1, 1) (-4, -1) (0,2) (1, 4) (3, 4)</p>  <p><b>What are table of values?</b> A table of values is a set of ordered pairs usually resulting from substituting numbers into an equation (relation). The equation</p>	<p><b>REMARKS</b></p>

			<p>values into a given rule</p> <p>2. Pupils in small groups to practice making tables of values by substituting a set of values into a rule.</p> <p><b>Closure</b> Through questions and answers, conclude the lesson.</p>		<p>determines the relationship between each pair of numbers in each ordered pair in the table of values.</p>	
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