LESSON PLAN FOR WEEK 6

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| TERM | 3rd |
| WEEK | 4 |
| DATE | 06/06/2023 |
| CLASS | SS 2 |
| SUBJECT | Data Processing |
| TOPIC | Object Transformation |
| SUB-TOPIC | Definition, object stretching, scaling, mirroring, rotating and skewing objects. |
| PERIOD | 9th Period |
| TIME | 2:00pm - 2:30pm |
| DURATION | 40 Minutes |
| NO IN CLASS | 4 |
| AVERAGE AGE | 14-15 Years |
| SEX | Mixed |
| SPECIFIC OBJECTIVES | By the end of the lesson, scholars should be able to:   1. Explain the meaning of Object transformation. 2. Draw an object after which, scale, stretch, rotate the object. |
| RATIONALE | To acquaint the scholars with the meaning of object transformation. |
| PREVIOUS KNOWLEDGE | The scholars have knowledge of some basic Corel Draw tools. |
| INSTRUCTIONAL RESOURCES | Corel Draw application on the computer in the computer lab. |
| REFERENCE MATERIAL | Data Processing for Senior Secondary Education (SS 1-3) HiiT Plc |

LESSON DEVELOPMENT

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| STEPS | TEACHER’S ACTIVITIES | SCHOLARS’ ACTIVITIES | LEARNING POINTS |
| Introduction | The teacher introduces the topic by asking the scholars to mention some Corel Draw tools. | The scholars mentioned them as:  i.Pick tool  ii.Zoom tool. | To arouse scholars’ interest towards the topic. |
| Step 1 | The teacher explains the meaning of Object Transformation. | The scholars pay attention. | To enhance proper understanding of the topic. |
| Step 2 | The teacher highlights some of the functions of object transformation; which include: rotating, scaling, skewing,stretching etc. | The scholars listen and ask questions. | To encourage critical thinking on the topic. |
| Board summary | The teacher summarizes the lesson thus:  Object transformation is the act of changing the shape, looks, size of an object using any of the tools from the tools bar in a Corel Draw application. This involves selecting the object for specification of the effect of the transformation.  You can change change the appearance of an object in a drawing mode by using the following transformation;   1. Sizing: It allows the user to change the width or height of an object. 2. Scaling: It allows the user to resize an object to its original size. 3. Skewing: Skewing let the user to slant an object either to the right or the left. 4. Rotating: It allows the user to turn an object around. 5. Stretching: Stretching lets the user change the height and width of an object non-proportionally. 6. Mirroring: With mirroring you can create a horizontal and vertical mirror image of an object. | The scholars copy notes into their notebooks. | For future references. |
| Evaluation | The teacher evaluates the scholars thus:  i.What is Object transformation?  ii.List some of the functions of object transformation. | The scholars attempt the questions. | To ascertain scholars understanding of the lesson. |
| Conclusion | The teacher check scholars notes and make corrections. | The scholars take corrections made by the teacher. | For consolidation of the lesson. |
| Assignment | The teacher gives the scholars assignment:  List and explain two (2) functions of object transformation. | The scholars copy their assignment to do it at home. | The encourage continuity of learning. |



27/6/2023

Principal Head Instuctor