 **LESSON PLAN** Sam Stockett

| **SUMMARY** |
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| **Date** | **8/19/24 – 8/30/24**  **Week 3 – Week 4** |
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| **Subject** | **Math Geometry** |
| **Grade Level/Course** | **Grade 10 Geometry** |
| **Main Topic or Unit** | **Transformations.** |
| **Subtopics or Key Concepts** | **Reflection, rotation, dilation** |

| **Materials Needed** |
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● Paper, pencil, ruler, graph paper

| **Learning Objectives** |
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● Use accepred terminology for plane figures

● write functions that realize transformations in the plane.

| **Lesson Outline WEEK 1** |
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| **Duration** | **Guide** | **Assessment or Evaluation** | **Modifications** |
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| Monday  50 minutes | Ppt or guided notes.  HSG.CO.B | BOW  assessment | Written and oral instruction |
| Tuesday  50 minutes | Guided notes  Rigid motions |  |  |

| Wednesday 50 minutes | Arc length | MOW  assessment |  |
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| Thursday  50 minutes | Write functions for  transformations |  |  |
| Friday  50 minutes | Group review | EOW  assessment | Collaborative learning |

| **Lesson Outline WEEK 2** |
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| **Duration** | **Guide** | **Assessment or Evaluation** | **Modifications** |
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| Monday  50 minutes | Ppt or guided notes  HSG.CO.B  Congruency and  similarity | BOW  assessment | Written and oral instruction |
| Tuesday  50 minutes | Graph paper work  dilations |  |  |

| Wednesday 50 minutes | Identify dilated figures Graph paper work | MOW  assessment | Collabrative learning |
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| Thursday  50 minutes | Group review |  | Collabrative learning |
| Friday  50 minutes | Group review | EOW  assessment |  |

| **Reflection** |
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| What concept did you reteach in this unit? |  |
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| How did the unit reflect academic rigor? |  |
| How did this unit cognitively engage students? |  |
| How did this unit engage students in collaborative learning and enhance their cooperative learning skills? |  |