**District Science Lesson Plan Template**

Teacher: Yolanda Randolph Date: August 12-16, 2024 Subject: Science Period: Sixth

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| **Alabama CCRS/COS: Standards**   * **No science standards** * **ELA/RI.3.9 -** **Compare and contrast the two texts' most important points and key details on the same topic.** |

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| **Outcome(s)/Objective(s)/I can statement**   * **Learn about a NASA scientist and a NASA engineer.** * **Learn about science and engineering practices.** * **Reflect on how they are also scientists and engineers.** * **Obtain, evaluate, and communicate information** |

**ACTIVATING LEARNING STRATEGY/STRATEGIC TEACHING STRATEGIES:**

**This Week’s Vocabulary:**

**researcher phenomenon**

**sample compromise**

**data evidence**

**scientific investigation compare**

**aerospace contrast**

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|  | KWL |  | Word Splash |  | Anticipation Guide |  | Lecture |  | Graphic Organizer/VLT | |  | Poem, Rhymes, etc. |
|  | Survey |  | Possible Sentence |  | Think-Pair-Share |  | Reading |  | Pictograph | |  | Acronyms/Word |
|  | First Word |  | Concept Map |  | Vocabulary Overview |  | Model |  | Diagram | |  | Other: \_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Word Map |  | Frayer Model |  | Daily Language Practice (DLP)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | Hands-on |  | Mind Map/Visual Guide |  | |  |
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| **Engagement Strategies:**  - Collaborative Group Work  - Writing to Learn  - Literacy Groups  Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  - Questioning Techniques  - Scaffolding Text  -Classroom Talk  - T.W.I.R.L. | | | | | | | | | | | | |
| **Technology Integration:**  Smart board  Document Camera  IPADS  Mac Books  Computers  Kindles  Interactive Tablets  Digital/ Video Camera  Clickers  ACCESS  Computer Program: www.studiesweekly.com\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | | | | | | | |

**PROCEDURAL CONTENT (application)**

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|  | | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | |
| ***Essential Question*** | | **How are the roles of a NASA scientist and a NASA engineer similar? How do they differ?** | **How are the roles of a NASA scientist and a NASA engineer similar? How do they differ?** | **How are the roles of a NASA scientist and a NASA engineer similar? How do they differ?** | **How are the roles of a NASA scientist and a NASA engineer similar? How do they differ?** | **How are the roles of a NASA scientist and a NASA engineer similar? How do they differ?** | |
| ***Daily Objective(s)***  ***I Can Statement*** | | **I can compare and contrast the roles of a NASA scientist and a NASA engineer.** | **I can compare and contrast the roles of a NASA scientist and a NASA engineer.** | **I can compare and contrast the roles of a NASA scientist and a NASA engineer.** | **I can compare and contrast the roles of a NASA scientist and a NASA engineer.** | **I can compare and contrast the roles of a NASA scientist and a NASA engineer.** | |
| *Preview*  *(Before)*  *Warm-up- Hook* | | Picture Walk | Review with Post Its | Review with Post Its | Review with Post Its | Review with Post Its | |
| *Instruction*  *(During)*  I Do-  We Do-  Y’all Do-  You Do- | | Unit: I Am a Scientist and Engineer  Week 1 Who Are Scientist and engineers?  Article 1: You are a scientist and engineer!  Article 2: Meet David J. Smith | Unit: I Am a Scientist and Engineer  Week 1 Who Are Scientist and engineers?  Article 3: Meet Michelle Lynde Article 4: Phenomena | Unit: I Am a Scientist and Engineer  Week 1 Who Are Scientist and engineers?  Article 5: Working in teams  Article 6: You are a mathematician | Unit: I Am a Scientist and Engineer  Week 1 Who Are Scientist and engineers?  Article 7: Communication  Article 8: Are scientists and engineers the same? | Unit: I Am a Scientist and Engineer  Week 1 Who Are Scientist and engineers? Test  Review of Articles 1-8   * Well-Being Questions * Let’s Write Assignment   **Week 1 Assessment** | |
| Small Groups | | Graphic Organizer:  David J. Smith Biography | Graphic Organizer: | Graphic Organizer:  Disagreement Cards  You are a mathematician | Graphic Organizer:  My investment  Venn Diagram | Review Week 1 News Article | |
| *After/Homework* | | Read Week 1 Paper | Read Week 1 Paper | Read Week 1 Paper | Read Week 1 Paper | Review Week 1 News Article | |
| **Assessment (Formative):** Class work Notebook Homework Quizzes Tests Computer Activities Collaborative Work  Project/ Other: | | | | | |

**Assessment (Summative):** QuizzesTestsGroup Activities Project Based Other:

**Summarizing****:**  3-2-1  Ticket out the Door  The Important Thing  Cue Cards  Teacher Questions  Student Summary  Other: