**District Science Lesson Plan Template**

**Teacher:** Yolanda Randolph **Date:** August 19-23, 2024 (Reteach) **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**
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**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 |  | [x]  Graphic Organizer/VLT |   | [ ]  Poem, Rhymes, etc. |
|  [ ]  | Survey |   |  [ ]  Possible Sentence |   | [ ]  Think-Pair-Share |  | [x]  Reading |   | [ ]  Pictograph |   | [ ]  Acronyms/Word |
|  [ ]  | First Word |   |  [ ]  Concept Map |  | [x]  Vocabulary Overview |   | [ ]  Model |   | [ ]  Diagram |   | [ ]  Other: \_\_\_\_\_\_\_\_\_\_\_\_ |
|  [ ]  |  Word Map |   |  [ ]  Frayer Model |  | [ ]  Daily Language Practice (DLP)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |   | [ ]  Hands-on |   | [ ]  Mind Map/Visual Guide |  |  |
|   |   |   |   |   |   |   |   |   |   |   |   |
| **Engagement Strategies:**[ ]  - Collaborative Group Work [ ]  - Writing to Learn [ ]  - Literacy Groups [ ]  Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [ ]  - Questioning Techniques [ ]  - Scaffolding Text [x]  -Classroom Talk [ ]  - T.W.I.R.L. |
| **Technology Integration:** [x]  Smart board [ ]  Document Camera [ ]  IPADS [ ]  Mac Books [x]  Computers [ ]  Kindles [ ]  Interactive Tablets [ ]  Digital/ Video Camera [ ]  Clickers [ ]  ACCESS [x]  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 EngineerWeek 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 EngineerWeek 1 Who Are Scientist and engineers?Article 3: Meet Michelle Lynde Article 4: Phenomena | Unit: I Am a Scientist and EngineerWeek 1 Who Are Scientist and engineers?Article 5: Working in teamsArticle 6: You are a mathematician | Unit: I Am a Scientist and EngineerWeek 1 Who Are Scientist and engineers?Article 7: CommunicationArticle 8: Are scientists and engineers the same? | Unit: I Am a Scientist and EngineerWeek 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 CardsYou are a mathematician | Graphic Organizer:My investmentVenn 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):** [x] Class work [ ] Notebook [ ] Homework [ ] Quizzes [ ] Tests [ ] Computer Activities [x] Collaborative Work [ ]  Project/ Other: |

**Assessment (Summative):** [ ] Quizzes[x] Tests[ ] Group Activities **[ ]** Project Based **[ ]** Other:

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