**Foundations of Engineering & Technology**

**Week at a Glance (WAG) - August 5-9, 2024**

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| **Mon. - Aug. 5** | **Tues. - Aug. 6**  | **Wed. - Aug. 7** | **Thur. - Aug. 8** | **Fri. - Aug. 9** |
| **Lesson Focus** |
| No School  | Introduction to Engineering Concepts | Career Exploration in Engineering | Technical Skills Introduction | Overview of Engineering Projects |
| **Academic Standards** |
|  | **ENGR-FET1:** Students will describe the career pathways encompassed by Georgia Engineering and Technology Education. | **ENGR-FET1:** Students will describe the career pathways encompassed by Georgia Engineering and Technology Education. | **ENGR-FET4:** Students will apply mathematics and science to the solution of a technological problem. | **ENGR-FET3:** Students will explain the universal systems model. |
| **Learning Target** |
|  | Understand basic engineering concepts and terminology. | Identify different career paths in engineering. | Develop basic technical skills relevant to engineering. | Understand the scope and variety of engineering projects. |
| **Success Criteria** |
|  | Students can define key engineering terms and concepts. | Students can list and describe various engineering careers. | Students can demonstrate basic technical skills. | Students can explain different types of engineering projects. |
| **Literacy Focus** |
|  | Reading materials on engineering principles. | Articles or videos on engineering careers. | Technical manuals or guides. | Case studies on engineering projects. |
| **Work Session** |
|  | Interactive lecture on engineering concepts. | Group discussions on engineering careers. | Hands-on activities to practice technical skills. | Presentations and discussions on engineering projects. |
| **Assessment/Evaluation** |
| No School  | Quiz on engineering concepts and terminology. | Written summary of engineering careers. | Practical demonstration of technical skills. | Presentation on an engineering project. |
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