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| ***Standard-Driven***  **Activities** | **STEAM 1.0**  (**Science**) | **STEAM 2.0**  (**Technology**) | **STEAM 3.0**  (**Engineering**) | **STEAM 4.0**  (**Arts**) | **STEAM 5.0**  (**Mathematics**) |
| ***Banana Boat Song***   * Compare and contrast insects to arachnids and learn internal and external parts of a spider. * Create a spider web with specific measurements and geometrical shape. * Conversion and Measurement. | Students will learn about the internal and external anatomy of spiders.  Students will compare and contrast insects to arachnids.  **Organization and Development of Living Things**  **SC.2.L.1.4**  **SC.2.L.1.7**  Idea: Level 2 Basic Application of Skills and Concepts | Students will use technology to:   * review 12 times table. * Identify and label the internal organs and the external body parts of a tarantula/spider. * compare and contrast insects to arachnids. * identify instruments in Calypso music and categorize them into their families. | Students will make a spider web and a spider with specific dimensions and weight.  12-inch Spider web shape: octagon  6-inch spider  Measure from head to spinneret.  Spider web should be sturdy enough that can hold a spider that weighs 6-ounces.  **Central Question:**  Will the spider web be able to hold a six ounce spider?  **MAFS.2.MD.1.1.**  **MAFS.2.G.1.3.** | Students will sing Banana Boat Song with good intonation.  **MU.2.S.3.1**  Create a pitched and un-pitched ostinato for the song.  **MU.2.S.1.2**  Students will identify music instruments in Calypso music and categorize them into their families.  **MU.2.C.1.3** | Convert feet to inches using multiplication.  **Measurement and data:**  **MAFS.2.MD.1.1**  **MAFS.2.MD.1.3**  Solve Perimeter.  **Reason with shapes and their attributes**  **Geometry: MAFS.2.G.1.3** |