|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***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: octagon6-inch spiderMeasure 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** |