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| Month | **Stem** Challenge | Unit |
| August | [Animals and Engineering](https://www.teachengineering.org/view_lesson.php?url=collection/cub_/lessons/cub_bio/cub_bio_lesson05.xml) | **Classification of Organisms****s NestArtifact sifterChallengers** |
| September | [Biomimicry Natural Designs](https://www.teachengineering.org/view_activity.php?url=collection/cub_/activities/cub_bio/cub_bio_lesson05_activity1.xml) | **Plant and Animal Cells** |
| October | [All About Water](https://www.teachengineering.org/view_lesson.php?url=collection/cub_/lessons/cub_drink/cub_drink_lesson01.xml) | **Beneficial and Harmful Microorganisms** |
| November | [**Nova First Flower**](http://www.pbs.org/wgbh/nova/education/activities/3405_flower.html) | **Heredity** |
| January | Engineer a Building to Withstand an Earthquake | **Constructive and Deconstructive Processes** |
| February |  | **Whole as Sum of its Parts** |
| March | Rocket Lego Car | **Physical and Chemical Change** |
| April | [The Electric and Magnetic Personalities of Mr. Maxwell](https://www.teachengineering.org/view_activity.php?url=collection/usf_/activities/usf_maxwell/usf_maxwell_lesson01_activity2.xml) | **Electricity and Magnetism**  |



