|  |  |  |  |
| --- | --- | --- | --- |
| GRADE LEVEL: K | COURSE: Science | UNIT: Life | OBJECTIVES |
| Lesson | Technology | Idea for lesson using technology | As a result of this lesson, students will be able to: |
| What qualifies something as “living”. | Presentation | Create a presentation showing what qualifies something as living so that the children can see examples. | Explain why something may or may not be living. |
| Different types of animals. (Mammals and reptiles). | Timeline | Show the kids how mammals and animals have changed over time and how long the life spans are for the different things. | Explain different types of animals and a concept if those animals life cycles. |
| Different types of plants. (Indoor and Outdoor plants). | Blogging | Why plants are different and what they do for us. Growing their own plants and blogging about the changes that they see every day in class. | Explain the difference between indoor and outdoor plants and what plants do that help us live. |
| Basics of human birth. | Writing a book | Kids will learn about how they were born as well as how animals and plants come into existence. | They will be able to explain the basics of the beginning of life and will show their understanding with books they created themselves. |
| Death will need to be addressed in order to create the understanding of life and how valuable it is. | Digital storytelling | Will learn that even though there is loss, that’s what brings on life. Children can tell stories of loss through personal experiences or from things they’ve heard. | Kids will understand the concept of death and share experiences they’ve had in order to show their understanding. (Family, pets, from movies, etc). |
| Concept of time | Graphing | Use graphing to show different time periods. | They will be able to identify time in days, weeks, months, and years. |
| Changes in life over time. | Mapping | This can show how people change and life change over time in different places and cultures. | They will be able to explain that things are different everywhere in the world. |
| The changes in people, animals, and plants, as they age. | YouTube video | This can show a video that is sped up to show how things age over time. | They can explain that all things age and why. Also how things may look differently when they age. |
| Multiple examples of living organisms and all the different places they can be found. | Google Tools | They can search the web for pictures and information about different locations all over the world that have living things. | They can explain that living things are found all over the world, from the bottom of the ocean all the way to the sky. |
| A mini research project on living thing of their choice. In class. | Using the internet for research | In class activity showing them valuable sites for research on life. They will research a living thing of their choice. | They can explain the life cycle of the living thing they researched. |
| Presenting their mini research project. | Podcasting | They can present what they learned to the class in a fun way that will also help the others learn. | They can explain 2 other research projects from 2 other podcasts. |
| What they have learned throughout the unit. Evaluation. | Making a movie | Gives them the chance to be interactive and creative in learning. | They can roughly explain everything they learned and experienced throughout the unit. |
|  |  |  |  |