**ARC Week at Glance**

**Subject: Science Course: Biology Grade: 10-12 Date: 1/13/25\_1/17/25**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Learning Target****(I am learning about…)** | **Criteria for Success****(I can…)** | **Activation/ Instruction** |  **Collaboration/ Guided Practice** | **Independent Learning/ Assessment** |
| *(Include at least one/two formatives\*in any part of the lesson as needed)* |
| **Monday** |  I am learning about DNA and RNA Structure  | I can compare and contrast DNA and RNA | Strawberry DNA Demonstration DNA Discussion | DNA/ RNA Card Sort and Graphic Organizer  | **TOTD:** When is DNA replicated during the Cell Cycle?  |
| **Tuesday** | I am learning about DNA and DNA replication | I can describe how DNA replicates in 3 steps | DNA Coloring | DNA and DNA Replication Notes | **TOTD:** Describe DNA replication in 3 steps |
| **Wednesday** | I am learning about DNA structure | I can build a strand of DNA on Gizmo | Building DNA Warm Up  | Building DNA Gizmo- Part A | **TOTD:** What would the complementary strand of DNA be for: ATG-CCG-TTA |
| **Thursday** | I am learning about DNA replication | I can replicate a strand of DNA using a simulation on Gizmo | DNA Replication Animation | Building DNA Gizmo- Part B | **TOTD:** What does semiconservative mean in relation to DNA?  |
| **Friday** | I am learning about DNA structure I am learning about DNA replication | I can build a strand of DNA on Gizmo I can replicate a strand of DNA using a simulation on Gizmo | DNA Blooket | Wrap up Lab, Go over answers if needed.  | **Building DNA Lab Quiz**  |

**\***[ ]  Exit Ticket/Final Stretch Check [ ]  Electronic Tools [ ]  Dry Erase Boards – quick checks [ ]  Turn & Talk Discussion (verbal responses) [ ]  Teacher Observation – document Clipboard

 [ ]  Quick Write/Draw [ ]  Annotation [ ]  Extended Writing [ ]  Socratic Seminar [ ]  Jigsaw [ ]  Thinking Maps [ ]  Worked Examples [ ]  Other : \_\_\_\_\_\_\_\_\_\_\_