**ARC Week at Glance**

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

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|  | **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 : \_\_\_\_\_\_\_\_\_\_\_