

ARC Week at Glance: IB Biology Year 2 (Ms. West)

Topic: D1 Continuity & Change: Molecules (Subtopics D1.1 Replication & D1.2 Protein Synthesis)

Course: IB Biology Year 2

Grade: 12

Dates: Oct 21 - 25

Note: For lesson resources, handouts, etc., please see our Canvas Course.

This week's Homework Focus: Kognity Topics D1.2 & D1.3 Guided Notes Sheets

| | Learning Target (I am learning about...) | Criteria for Success (I can...) | Activation/ Instruction | Collaboration/ Guided Practice | Independent Learning/ Assessment |
|----------------|---|--|---|--|--|
| | | | <i>(Include at least one/two formatives*in any part of the lesson as needed)</i> | | |
| Monday | I am learning about protein synthesis | I can <ul style="list-style-type: none"> • Outline the process of transcription • Outline the process of translation • Explain the relationship between tRNA and mRNA | Math Monday Do Now | Transcription & Translation Graphic Organizers Sickle Cell DNA mutation transcription and translation – My Short Answer FRQ Practice | Transcription vs Translation TOTD formative check Summarizing sentences TOTD: DNA mutations C1 Test Corrections & Small Group Remediation as needed |
| Tuesday | I am collecting and analyzing data for my Internal Assessment | I can Collect and analyze data to answer my Internal Assessment Research Question | Test Prep Tuesday – CER Practice Question (writing claim, evidence, & reasoning) | IA Work Day – Data Collection & Analysis OR D1 Kognity Reading Guides Work Time | IA Conferencing throughout class period |

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| Wednesday | I am collecting and analyzing data for my Internal Assessment | I can <ul style="list-style-type: none"> Collect and analyze data to answer my Internal Assessment Research Question | WIS WIM Do Now – Summarizing Sentences and Question Writing | IA Work Day – Data Collection & Analysis OR D1 Kognity Reading Guides Work Time | IA Conferencing throughout class period |
| Thursday | I am collecting and analyzing data for my Internal Assessment | I can <ul style="list-style-type: none"> Collect and analyze data to answer my Internal Assessment Research Question | Throwback Thursday Do Now – MCQ & Justification Writing | IA Work Day – Data Collection & Analysis OR D1 Kognity Reading Guides Work Time | IA Conferencing throughout class period |
| Friday | I can demonstrate understanding of replication, transcription and translation | I can <ul style="list-style-type: none"> Answer MCQ Paper 1 and FRQ Paper 2 questions to demonstrate understanding of D1 content | FRQ Friday Do Now – Free Response Answer Construction & Self-Assessment | N/A – Summative Assessment | D1 Summative Assessment: Paper 1 MCQs & Paper 2 FRQs |

Literacy Tasks

Minor Assessment

Major Assessment