

WEEKLY PLANNER

GREENVILLE SENIOR HIGH ACADEMY OF LAW, FINANCE, AND BUSINESS

Unit Topic: Science and Engineering Practices

Subject: Lab Safety and Nature of Science

Standard(s) with Synopsis: SC SEPs - lab safety, controlled experiments, analyzing and interpreting data

Dates: 1/5/26-1/9/26

Name: Caterisano & Guillen

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
LEARNING TARGET	LEARNING TARGET	LEARNING TARGET	LEARNING TARGET	LEARNING TARGET
Teacher WOrk Day	TSWBAT understand classroom rules, procedures and goals as well as get to know their classmates.	By the end of the lesson, I will be able to construct a DNA model as evidenced by summarizing a quick write.	By the end of the lesson, I will be able to explain the process of replication evidenced by completing the GIZMO.	By the end of the lesson, I will be able to explain the process of replication and model of DNA as evidenced by completing the lab.
ACTIVATING STRATEGY (10)	ACTIVATING STRATEGY (10)	ACTIVATING STRATEGY (10)	ACTIVATING STRATEGY (10)	ACTIVATING STRATEGY (10)
	Start Warm Ups	Start Warm ups	Warm ups	Warm ups
INSTRUCTIONAL DELIVERY	INSTRUCTIONAL DELIVERY	INSTRUCTIONAL DELIVERY	INSTRUCTIONAL DELIVERY	INSTRUCTIONAL DELIVERY
	Text (25): Lab safety video Task (30): Graphing introduction + practice Talk (25): Variables practice	Text (25): Lab safety quiz Task (30): DNA structure notes Talk (25): construct a model of DNA	Text (25): DNA replication notes Task (30): Building DNA gizmo Talk (25): Explain the process of DNA replication and its importance in ensuring genetic information is passed on accurately to new cells.	Text (25): DNA replication and structure quiz Task (30): Build DNA out of candy lab Talk (25): lab write up questions

Text (25): The text supports students understanding of the content and allows them to complete the task and talk. Text exist in varied forms (print, visual, audio, multimodal, etc.) This is the vehicle for thinking.

Task (30): The task involves student understanding from the text. Students are applying and performing tasks based on their knowledge and interpretation of the text.

Talk (25): The talk concludes the lesson with a summarizing strategy. This strategy allows students to share or express feedback involved in their learning with the text and task.

REPRESENTATION options for presenting content	REPRESENTATION options for presenting content	REPRESENTATION options for presenting content	REPRESENTATION options for presenting content	REPRESENTATION options for presenting content
<input type="checkbox"/> Artifacts <input type="checkbox"/> Pictures <input type="checkbox"/> Graphic Organizers <input type="checkbox"/> Video Clips <input type="checkbox"/> Audio Recordings <input type="checkbox"/> Lab <input type="checkbox"/> Lecture <input type="checkbox"/> Other:	<input type="checkbox"/> Artifacts <input type="checkbox"/> Pictures <input type="checkbox"/> Graphic Organizers <input checked="" type="checkbox"/> Video Clips <input type="checkbox"/> Audio Recordings <input type="checkbox"/> Lab <input type="checkbox"/> Lecture <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Artifacts <input checked="" type="checkbox"/> Pictures <input type="checkbox"/> Graphic Organizers <input type="checkbox"/> Video Clips <input type="checkbox"/> Audio Recordings <input type="checkbox"/> Lab <input type="checkbox"/> Lecture <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Artifacts <input type="checkbox"/> Pictures <input checked="" type="checkbox"/> Graphic Organizers <input type="checkbox"/> Video Clips <input type="checkbox"/> Audio Recordings <input checked="" type="checkbox"/> Lab <input type="checkbox"/> Lecture <input type="checkbox"/> Other:	<input type="checkbox"/> Artifacts <input type="checkbox"/> Pictures <input type="checkbox"/> Graphic Organizers <input type="checkbox"/> Video Clips <input type="checkbox"/> Audio Recordings <input checked="" type="checkbox"/> Lab <input type="checkbox"/> Lecture <input type="checkbox"/> Other:

ENGAGEMENT options for engaging student interest	ENGAGEMENT options for engaging student interest	ENGAGEMENT options for engaging student interest	ENGAGEMENT options for engaging student interest	ENGAGEMENT options for engaging student interest
<input type="checkbox"/> Cooperative Work <input type="checkbox"/> Partner Work <input type="checkbox"/> Manipulatives <input type="checkbox"/> Movement <input type="checkbox"/> Debates <input type="checkbox"/> Role Plays or Simulations <input type="checkbox"/> Other:	<input type="checkbox"/> Cooperative Work <input checked="" type="checkbox"/> Partner Work <input type="checkbox"/> Manipulatives <input type="checkbox"/> Movement <input type="checkbox"/> Debates <input type="checkbox"/> Role Plays or Simulations <input type="checkbox"/> Other:	<input type="checkbox"/> Cooperative Work <input type="checkbox"/> Partner Work <input checked="" type="checkbox"/> Manipulatives <input type="checkbox"/> Movement <input type="checkbox"/> Debates <input type="checkbox"/> Role Plays or Simulations <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Cooperative Work <input type="checkbox"/> Partner Work <input type="checkbox"/> Manipulatives <input type="checkbox"/> Movement <input type="checkbox"/> Debates <input type="checkbox"/> Role Plays or Simulations <input type="checkbox"/> Other:	<input type="checkbox"/> Cooperative Work <input checked="" type="checkbox"/> Partner Work <input type="checkbox"/> Manipulatives <input checked="" type="checkbox"/> Movement <input type="checkbox"/> Debates <input type="checkbox"/> Role Plays or Simulations <input type="checkbox"/> Other:

| EXPRESSION
options for students to demonstrate learning |
|--|--|--|--|--|
| | | | | |

<input type="checkbox"/> Written Response <input type="checkbox"/> Illustrated Response <input type="checkbox"/> Oral Response <input type="checkbox"/> Model Creation <input type="checkbox"/> Construction <input type="checkbox"/> Other:	<input type="checkbox"/> Written Response <input type="checkbox"/> Illustrated Response <input type="checkbox"/> Oral Response <input type="checkbox"/> Model Creation <input type="checkbox"/> Construction <input type="checkbox"/> Other:	<input type="checkbox"/> Written Response <input type="checkbox"/> Illustrated Response <input type="checkbox"/> Oral Response <input type="checkbox"/> Model Creation <input type="checkbox"/> Construction <input type="checkbox"/> Other:	<input type="checkbox"/> Written Response <input type="checkbox"/> Illustrated Response <input type="checkbox"/> Oral Response <input type="checkbox"/> Model Creation <input type="checkbox"/> Construction <input type="checkbox"/> Other:	<input type="checkbox"/> Written Response <input type="checkbox"/> Illustrated Response <input type="checkbox"/> Oral Response <input type="checkbox"/> Model Creation <input type="checkbox"/> Construction <input type="checkbox"/> Other:
CULTURAL CONSIDERATIONS	CULTURAL CONSIDERATIONS	CULTURAL CONSIDERATIONS	CULTURAL CONSIDERATIONS	CULTURAL CONSIDERATIONS
<input type="checkbox"/> Nature of content & ethnicity and/or culture of students <input type="checkbox"/> Other:	<input type="checkbox"/> Nature of content & ethnicity and/or culture of students <input type="checkbox"/> Other:	<input type="checkbox"/> Nature of content & ethnicity and/or culture of students <input type="checkbox"/> Other:	<input type="checkbox"/> Nature of content & ethnicity and/or culture of students <input type="checkbox"/> Other:	<input type="checkbox"/> Nature of content & ethnicity and/or culture of students <input type="checkbox"/> Other:

ASSESSMENTS	ASSESSMENTS	ASSESSMENTS	ASSESSMENTS	ASSESSMENTS
<input type="checkbox"/> Class Work <input type="checkbox"/> Journals <input type="checkbox"/> Group Discussion <input type="checkbox"/> Individual Participation <input type="checkbox"/> Quiz / Test <input type="checkbox"/> Project <input type="checkbox"/> Conference <input type="checkbox"/> Essay <input type="checkbox"/> Other:	<input type="checkbox"/> Class Work <input type="checkbox"/> Journals <input type="checkbox"/> Group Discussion <input type="checkbox"/> Individual Participation <input type="checkbox"/> Quiz / Test <input type="checkbox"/> Project <input type="checkbox"/> Conference <input type="checkbox"/> Essay <input type="checkbox"/> Other:	<input type="checkbox"/> Class Work <input type="checkbox"/> Journals <input type="checkbox"/> Group Discussion <input type="checkbox"/> Individual Participation <input type="checkbox"/> Quiz / Test <input type="checkbox"/> Project <input type="checkbox"/> Conference <input type="checkbox"/> Essay <input type="checkbox"/> Other:	<input type="checkbox"/> Class Work <input type="checkbox"/> Journals <input type="checkbox"/> Group Discussion <input type="checkbox"/> Individual Participation <input type="checkbox"/> Quiz / Test <input type="checkbox"/> Project <input type="checkbox"/> Conference <input type="checkbox"/> Essay <input type="checkbox"/> Other:	<input type="checkbox"/> Class Work <input type="checkbox"/> Journals <input type="checkbox"/> Group Discussion <input type="checkbox"/> Individual Participation <input type="checkbox"/> Quiz / Test <input type="checkbox"/> Project <input type="checkbox"/> Conference <input type="checkbox"/> Essay <input type="checkbox"/> Other: Lab questions