



Pre-AP Biology 2nd 9 Weeks Calendar

Unit 2: Cellular Processes

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
OCTOBER 21	22	23	24	25
Warm-Up: Photosynthesis & Cellular Respiration Investigating Seasonal Changes in Atmospheric Carbon Dioxide – Quiz Grade Supporting Videos: Green Earth How to Measure CO₂	Warm-Up: Model 4: The Relationship Between Photosynthesis & Cellular Respiration Work on Test Review	Warm-Up: Go Over Test Review	Unit Assessment 2: Cellular Processes Journal Check #2	Warm-Up: Update UA Score Tracker DNA Notes Student Handout DNA Amoeba Sisters Video DNA Practice

Unit 3: DNA & Cell Cycle

28	29	30	31	NOVEMBER 1
Warm-Up: Nucleic Acids Review Dog DNA Activity Slides	Warm-Up: DNA Structure DNA Pre-AP Practice	Warm-Up: Base Pairing Rules DNA Replication Notes Student Handout DNA Replication Practice	Warm-Up: Chemistry of DNA DNA Replication Amoeba Sisters Video DNA Replication Candy Lab	Warm-Up: DNA Replication DNA Quiz
4	5	6	7	8
Warm-Up: None Cell Cycle & Cancer Notes Student Handout Cell Cycle Hand Gestures	Warm-Up: Cell Cycle Cell Cycle Foldable	Warm-Up: Mitosis Card Sort – Glue in Journal Mitosis Practice Assignment	Warm-Up: Name That Stage! Mitosis in Plants	Warm-Up: Interphase Cell Cycle Quizizz
11	12	13	14	15
NO SCHOOL –	Warm-Up:	Warm-Up:	Warm-Up:	Unit 3 Assessment:

VETERANS DAY	None – Pierson Out	Cell Differentiation	Cancer	DNA & Cell Cycle
	_____	_____	_____	Journal Check #3
	Cell Cycle Quiz	Cell Differentiation Assignment	Quizizz Review	
	Cell Differentiation Notes	Hand out Test Review	Go Over Review	
	Student Handout			

Unit 4: Gene Expression & Mutations

18	19	20	21	22
Warm-Up: Update Score Tracker DNA vs. RNA EdPuzzle DNA vs. RNA Digital Assignment	Warm-Up: DNA vs. RNA Venn Diagram Protein Synthesis Notes Student Handout Codon Charts	Warm-Up: DNA vs. RNA Protein Synthesis Amoeba Sisters Video Protein Synthesis Card Sort Transcription & Translation Practice	Warm-Up: Protein Synthesis Overview Protein Synthesis Digital Assignment	Warm-Up: Protein Synthesis Maze Finish Protein Synthesis Digital Assignment
25	25	27	28	29

THANKSGIVING BREAK

DECEMBER 2	3	4	5	6
Warm-Up: Codon Chart Practice Build-A-Bug Activity	Warm-Up: Types of RNA Finish Build-A-Bug Activity Protein Synthesis Assignment	Warm-Up: Transcription & Translation Mutations Notes Student Handout Mutations Practice	Warm-Up: Types of Mutations Mutations Digital Assignment	Warm-Up: Gene Mutations Finish Mutations Digital Assignment More Mutations Practice
9	10	11	12	13
Warm-Up: Chromosomal Mutations Mutations Lab Instructions Pass out Test Review	Warm-Up: Somatic & Gametic Cell Mutations Amoeba Sisters Gel Electrophoresis Video Handout Guided Practice – Notes	Warm-Up: Gel Electrophoresis PCR Notes PCR Handout Work on Test Review	Warm-Up: PCR Test Review Review Quizizz Links for each topic Early Journal Check	Unit 4 Assessment: Gene Expression & Mutations Journal Check #4

	Gel Electrophoresis & PCR Google Form			
16	17	18	19	20
Semester Exam Review Biology Assessment Self Reflection Semester Review Quizizz Links	Semester Exam Review	SEMESTER EXAMS 2nd & 5th	SEMESTER EXAMS 1st & 6th	SEMESTER EXAMS 3rd, 4th, & 7th End of 1st Semester