

JOHN HAY BIOMEDICAL · SUBMISSION CALENDAR · FALL 2026

Principles of Biomedical Science

60 class days · 2026-08-24 to 2026-12-18 · 12 night-before assignments · 12 weekend assignments · nothing pushed to extra credit

- Each box:** the day's topic, then the PLTW step to finish that day to stay on track, then where the work goes.
- Night before** (purple): about 25 minutes of prep at home so the whole block is free for the lab it feeds.
- Catch-up / flex** (grey-green, no topic): a school day deliberately left open to re-teach, finish a lab, or absorb a lost day. **No school:** district holiday or break. Nothing is due.
- Weekend** (blue): independent work over a weekend, no equipment needed. Tracker audits and WebXam practice.
- Due in this block** (gold): closeout work finished and handed in during that class, because no class follows it. **TBA**

John Carroll ethics lesson not received yet. Run the alternate and collect an exit ticket. **TO CONFIRM** PLTW activity number previewed from public maps, not yet confirmed in myPLTW.

August 2026				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
24 Class expectations and how PBS works No myPLTW work yet. Bring your login and set up your notebook. → Exit Tickets	25 Finding lessons on the class portal No myPLTW work yet. Log in to the class portal and find today's lesson. → Exit Tickets	26 <i>catch-up / flex</i>	27 Cornell notes and the 6 Rs No myPLTW work yet. Set up your notebook in the Cornell format. → Lab Notebooks	28 Lab safety and your myPLTW login Log in to myPLTW, confirm your account works, and practice one submission. → Class Records
31 WebXam pretest and setting goals Nothing in myPLTW today. Finish the WebXam pretest and write one goal. → Class Records				

September 2026				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	1 When can you trust lab evidence? Log in to myPLTW and read the Principles of Biomedical Science course overview. → Claim Evidence Reasoning	2 <i>catch-up / flex</i>	3 Lab safety rules and reading an SDS Finish the myPLTW lab-safety contract, including the online acknowledgment signature. → Class Records	4 Graphing data and basic statistics Open the launch unit's data-analysis resource and apply it to yesterday's data. → Data Tables Night before: PPE and notebook practical → Lab Notebooks

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
7 <i>no school</i>	8 Should investigators ever move evidence? Open Lesson 1.1 Investigating the Scene and read the overview early. → Claim Evidence Reasoning Weekend: Submit launch evidence → Class Records	9 <i>catch-up / flex</i>	10 TO CONFIRM Documenting a scene and chain of custody Open Lesson 1.1 in myPLTW and finish the evidence-log entry activity. → Exit Tickets	11 TO CONFIRM Mock crime scene documentation lab In myPLTW, log your Lesson 1.1 team roles, case number, and scene evidence. → Lab Reports
14 Reading trace evidence against references In myPLTW, finish the Lesson 1.1 analysis reflection section. → Claim Evidence Reasoning	15 Should we test samples for everything? Open the Lesson 1.1 evidence-testing section in myPLTW and read the overview. → Claim Evidence Reasoning Weekend: Submit scene evidence → Class Records	16 <i>catch-up / flex</i>	17 Running indicator tests on unknowns In myPLTW, record your unknown sample ID and assigned tests for Lesson 1.1. → Data Tables Night before: Biomolecules and design → Class Records	18 TO CONFIRM Reading tox results against controls In myPLTW, enter your interpreted results and dose-response description for Lesson 1.1. → Claim Evidence Reasoning
21 Should autopsies require family consent? Open Lesson 1.2 Master the Morgue in myPLTW and read the overview. → Claim Evidence Reasoning Weekend: Submit evidence data → Class Records	22 <i>catch-up / flex</i>	23 TO CONFIRM Organ systems and four tissue types Finish the Lesson 1.2 body-systems and tissue-types online task in myPLTW. → Exit Tickets	24 TO CONFIRM Histology slides and heart anatomy In myPLTW, record your Lesson 1.2 slide observations and heart-anatomy labels. → Lab Reports	25 Comparing tissue to normal reference In myPLTW, finish the Lesson 1.2 histology-analysis reflection. → Claim Evidence Reasoning
28 Ethics Monday: John Carroll lesson TBA Open Lesson 1.3 Open Investigation in myPLTW and read the overview. → Claim Evidence Reasoning Weekend: Submit morgue evidence → Class Records	29 <i>catch-up / flex</i>	30 TO CONFIRM Weighing four streams of evidence Finish the Lesson 1.3 evidence-synthesis planning task in myPLTW. → Class Records		

October 2026

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
			1 TO CONFIRM Building the team evidence board In myPLTW, record your team's tentative cause-of-death claim and evidence links. → Lab Notebooks	2 TO CONFIRM Writing the investigative CER report Submit your Lesson 1.3 investigative CER report draft in myPLTW. → Claim Evidence Reasoning

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
5 <i>catch-up / flex</i>	6 Ethics Monday: John Carroll lesson TBA Open Lesson 2.1 Talk to Your Doc in myPLTW and read the overview. → Claim Evidence Reasoning Weekend: Submit investigation report → Class Records	7 TO CONFIRM Measuring and charting vital signs In myPLTW, record your vital-sign readings in the Lesson 2.1 lab activity. → Data Tables Night before: Vital signs and HIPAA → Class Records	8 Reading vital signs against normal ranges In myPLTW, finish the Lesson 2.1 vital-signs analysis reflection. → Claim Evidence Reasoning	9 <i>no school</i>
12 TBA Ethics Monday: John Carroll lesson TBA Open the Lesson 2.1 clinical-data section in myPLTW and read the overview. → Claim Evidence Reasoning Alternate: Bioethics of evidence Weekend: Submit clinical evidence → Class Records	13 <i>catch-up / flex</i>	14 TO CONFIRM Routine blood tests and normal ranges Finish the Lesson 2.1 routine-bloodwork task covering CBC, glucose, and cholesterol. → Exit Tickets	15 Charting simulated bloodwork over time In myPLTW, record your simulated patient bloodwork in the Lesson 2.1 data table. → Data Tables	16 Turning blood data into a trend In myPLTW, finish the Lesson 2.1 clinical-data trend-analysis reflection. → Claim Evidence Reasoning
19 <i>catch-up / flex</i>	20 Ethics Monday: John Carroll lesson TBA Open Lesson 2.2 Decoding a Diagnosis in myPLTW and read the overview. → Claim Evidence Reasoning Weekend: Submit clinical data → Class Records	21 Modeling transcription, translation, and a mutation In myPLTW, record your original and mutated amino acid sequences for Lesson 2.2. → Lab Reports Night before: DNA, genes, and protein → Class Records	22 How much damage does a mutation do? In myPLTW, finish the Lesson 2.2 mutation-analysis reflection. → Claim Evidence Reasoning	23 <i>catch-up / flex</i>
26 TBA Ethics Monday: John Carroll lesson TBA Open Lesson 2.2 in myPLTW and read the genetic-risk prompts before the debate. → Exit Tickets Alternate: Ethics of the scene Weekend: Submit diagnosis evidence → Class Records	27 TO CONFIRM Reading a patient's karyotype In myPLTW, use the Lesson 2.2 karyotype activity and submit the abnormality question. → Lab Reports Night before: Karyotype and inheritance notes → Lab Notebooks	28 TO CONFIRM Pedigrees and calculating genetic risk In myPLTW, finish the Lesson 2.2 pedigree and genetics-risk questions. → Claim Evidence Reasoning	29 How much uncertainty should doctors share? Open Lesson 2.3 New to the Practice and complete the opening prompt. → Exit Tickets Night before: Submit tracker and evidence → Class Records	30 <i>catch-up / flex</i>

November 2026

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
2 <i>no school</i>	3 <i>no school</i>	4 TO CONFIRM Team diagnosis from patient data In myPLTW, work the Lesson 2.3 patient-data synthesis activity alongside the chart. → Data Tables Night before: Workup components notes → Lab Notebooks	5 TO CONFIRM Recommending a diagnosis and next steps Use the Lesson 2.3 recommendation activity in myPLTW as your CER writing guide. → Claim Evidence Reasoning	6 Ethics Monday: John Carroll lesson TBA Open Lesson 3.1 Nosocomial Nightmare in myPLTW and complete the opening prompt. → Exit Tickets Night before: Submit tracker and evidence → Class Records

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9 <i>catch-up / flex</i>	10 TO CONFIRM The six-link chain of infection Finish the Lesson 3.1 hospital-acquired infections online activity in myPLTW. → Lab Notebooks	11 <i>no school</i>	12 TO CONFIRM Finding the weakest link to break Work the Lesson 3.1 infection-control scenario in myPLTW. → Class Records	13 Arguing for one infection control Use the Lesson 3.1 infection-control recommendation activity in myPLTW as your scaffold. → Claim Evidence Reasoning
16 TBA Ethics Monday: John Carroll lesson TBA Open the Lesson 3.1 outbreak section in myPLTW and complete the opening reflection. → Exit Tickets Alternate: Ethics of testing Weekend: Submit tracker and evidence → Class Records	17 <i>catch-up / flex</i>	18 TO CONFIRM Epidemic curve and agent identification lab Submit your Lesson 3.1 outbreak lab responses in myPLTW before you leave. → Data Tables Night before: Epidemiology tools notes → Lab Notebooks	19 TO CONFIRM Naming the outbreak source and agent Use the Lesson 3.1 source-identification activity in myPLTW as your CER scaffold. → Claim Evidence Reasoning	20 Ethics Monday: John Carroll lesson TBA Open Lesson 3.2 Emergency Response in myPLTW and complete the opening prompt. → Exit Tickets Night before: Submit tracker and evidence → Class Records
23 <i>catch-up / flex</i>	24 TO CONFIRM Triage and stabilize in a simulation Use the Lesson 3.2 simulation scenarios in myPLTW during the run. → Lab Reports Night before: Assessment and drug delivery notes → Lab Notebooks	25 <i>no school</i>	26 <i>no school</i>	27 <i>no school</i>
30 TBA Judging your own triage decisions Use the Lesson 3.2 evaluation activity in myPLTW as your scaffold. → Claim Evidence Reasoning Alternate: Ethics of privacy				

December 2026

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	1 Ethics Monday: John Carroll lesson TBA Open Lesson 3.3 Information Sharing in myPLTW and complete the opening prompt. → Exit Tickets Weekend: Submit tracker and evidence → Class Records	2 TO CONFIRM Medical surge and usable health messages Finish the Lesson 3.3 surge-response and usability online activity in myPLTW. → Lab Notebooks	3 <i>catch-up / flex</i>	4 TO CONFIRM Designing a public-health app Align your personas and wireframe with the Lesson 3.3 design activity in myPLTW. → Class Records

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
7 TBA TO CONFIRM Justifying design choices with user evidence Use the Lesson 3.3 design-justification activity in myPLTW as your CER scaffold. → Claim Evidence Reasoning Alternate: Ethics of monitoring	8 Ethics Monday: John Carroll lesson TBA Open Lesson 4.1 Designing the Future in myPLTW and complete the opening prompt. → Exit Tickets Weekend: Submit tracker and evidence → Class Records	9 <i>catch-up / flex</i>	10 TO CONFIRM Building and testing a device model Structure your results with the Lesson 4.1 device testing activity in myPLTW. → Data Tables Night before: Engineering design notes → Lab Notebooks	11 Evaluating a prototype, failures included Use the Lesson 4.1 prototype evaluation activity in myPLTW as your CER scaffold. → Claim Evidence Reasoning
14 TBA Ethics Monday: John Carroll lesson TBA Open the Innovation unit in myPLTW and complete the opening reflection prompt. → Exit Tickets Alternate: Ethics of genetic data Weekend: Submit tracker and evidence → Class Records	15 Frontier medicine and GIS story-maps Finish the frontier-innovation and story-map online task in the myPLTW Innovation unit. → Lab Notebooks	16 <i>catch-up / flex</i>	17 Final team innovation project Open the final synthesis project in myPLTW and align your concept to its rubric. → Class Records	18 Pitching your innovation with evidence Use the myPLTW innovation-pitch activity as the scaffold for your synthesis CER. → Claim Evidence Reasoning Due in this block: Submit tracker and pitch → Class Records

Every Monday collects an exit ticket. Where the John Carroll lesson is marked TBA, run the listed alternate and collect the ticket as usual. Night-before and weekend work is assigned, not optional, and goes to the same folders. Go Hornets.