



# AP Readiness STEM AGENDA – December 1, 2018

**REGISTRATION (Sign-In) 8:45-9:00 AM**

**TEACHERS (ONLY)**  
**1st Session 9:15-10:55am**      **Break 10:55-11:15 AM**

Geology 3645  
**2<sup>nd</sup> Session 11:15-1:00 PM**

<b>BIOLOGY</b>	<b>Room</b>	<b>Seats</b>
Biotechnology	Boelter 2444	60
Importance of ATP & Cellular Respiration	Boelter 3400	170
Cell Cycle and Regulation	Boelter 5249	90
Mendelian Genetics	Boelter 5252	30
Protein Synthesis: Transcription & Translation	Boelter 5264	50
Comparing Photosynthesis and Cellular Respiration	Boelter 5272	40
Cell Membranes - Transport & Communication	Boelter 5273	40
Mitosis & Meiosis	Boelter 5280	40
Hardy-Weinberg Lab	Boelter 5419	40
Transcription & Translation	Boelter 5420	40
Hardy Weinberg and Natural Selection	Boelter 5422	40
Evolution Investigations	Boelter 5436	50
DNA Restriction with PCR Demo Lab	Geology 3820	40

<b>CALCULUS AB</b>	<b>Room</b>	<b>Seats</b>
Areas - Approximate Sums and Integrals	Kinsey 1200	120
AP Q's on Relative and Absolute Extrema, and Concavity of Functions	Kinsey 1220	170
Mean Value Theorem	Kinsey 1240	120
Practice AP Exam Problems	PAB 1749	40

<b>CALCULUS BC</b>	<b>Room</b>
Arc Length & Intro to Parametric and Vector Calculus	PAB 1434

<b>CHEMISTRY</b>	<b>Room</b>	<b>Seats</b>
Liquids, Solids and Solutions	Young CS 50	350
FRQ's: Organic Nomenclature & Lewis Molecular Model Building	Geology 4645	40
Kinetics	Geology 4660	55

<b>COMPUTER SCIENCE A</b>	<b>Room</b>
Arrays & Array Lists	Math Sciences 6201

<b>COMPUTER SCIENCE PRINCIPLES</b>	<b>Room</b>
Vocabulary of Programming / Abstraction	Math Sciences 6229

***NEXT AP READINESS STEM is January 26<sup>th</sup>!!***  
***Please Complete Evaluation at <http://bit.ly/APRSTEM1201>***

ENVIRONMENTAL SCIENCE	Room
Biogeochemical Cycles: Water, Phosphorus & Sulfur Cycles	Math Sciences 5117
Moose Malady	Math Sciences 5118
Climate & Biomes	Math Sciences 5127
Biodiversity & Conservation Unit Review	Math Sciences 5128
Forestry	Math Sciences 5137
Gold and Silver - Cookie Mining Activity	Math Sciences 5138
Biomes: A Botanical Field Trip	Math Sciences 5147

PHYSICS	Room
Energy, Work & Power	Franz 1260

STATISTICS	Room
Introduction to Probability	PAB 2434
Simulations & Sampling Distributions	PAB 2748

**1:00-1:45 PM TEACHERS ONLY MEETING** in Geology 3645.

## AP Readiness STEM SOUTH CAMPUS MAP

