

# Pre-AP Algebra 1 Summer Institute

## Institute Objectives

Participants will ...

- Examine the Pre-AP Algebra 1 Course Framework, instructional materials, and assessments
- Analyze how Pre-AP Algebra 1 supports all students in achieving college and career readiness, access to AP coursework, and SAT success
- Apply the Pre-AP Algebra 1 Course Framework, mathematics areas of focus, and shared principles in building their course

## Agenda at a Glance

<b>Day One The Big Picture</b>	<b>Day Two Break It Down</b>	<b>Day Three Make It Your Own</b>	<b>Day Four Put It All Together</b>
<b>1.0</b> Welcome – Building a Learning Community	<b>2.0</b> Opening	<b>3.0</b> Opening	<b>4.0</b> Opening
<b>1.1</b> Building Pre-AP Context	<b>2.1</b> Examining the Pre-AP Classroom	<b>3.1</b> Supporting the Areas of Focus Within a Lesson	<b>4.1</b> Assessment Focus – Feedback That Supports Student Growth
<b>1.2</b> Assessment Focus – Pre-AP Performance Tasks	<b>2.2</b> Assessment Focus – Pre-AP Learning Checkpoints	<b>3.2</b> Pre-AP Algebra 1 – Introducing Quadratic Functions in Unit 3	<b>4.2</b> Building Your Course – Planning Personalized Instructional Time
<b>1.3</b> Pre-AP Algebra 1 – Defining Slope in Unit 1	<b>2.3</b> Pre-AP Algebra 1 – Systems of Equations in Unit 2	<b>3.3</b> Pre-AP Algebra 1 – Introducing Quadratic Functions in Unit 3 – A Teacher View	<b>4.3</b> Pre-AP Algebra 1 – Geometric Sequences in Unit 4
<b>1.4</b> Pre-AP Algebra 1 – Defining Slope in Unit 1 – A Teacher View	<b>2.4</b> Pre-AP Algebra 1 – Systems of Equations in Unit 2 – A Teacher View	<b>3.4</b> Assessment Focus – Learning Checkpoint Reports That Inform Instruction	<b>4.4</b> Pre-AP Algebra 1 – Geometric Sequences in Unit 4 – A Teacher View
<b>1.5</b> Building Your Course – Beginning with the Course Framework	<b>2.5</b> Building Your Course – Getting the Big Picture of Unit	<b>3.5</b> Building Your Course – Planning at the Lesson Level	<b>4.5</b> Reflect and Connect
<b>1.6</b> Reflect and Connect – The Pre-AP Algebra 1 Community	<b>2.6</b> Reflect and Connect – Interdisciplinary Planning and Reflection	<b>3.6</b> Reflect and Connect	

# Pre-AP Algebra 2 Summer Institute

## Institute Objectives

You will ...

- Examine and analyze the Pre-AP Algebra 2 Course Framework, instructional materials, and assessments.
- Consider how Pre-AP Algebra 2 supports all students in achieving college and career readiness, and access to AP coursework.
- Apply the Pre-AP Algebra 2 Course Framework, mathematics areas of focus, and shared principles in building your course.

## Agenda at a Glance

Day One The Big Picture	Day Two Break It Down	Day Three Make It Your Own	Day Four Put It All Together
<b>1.0</b> Welcome: Building a Learning Community	<b>2.0</b> Opening	<b>3.0</b> Opening	<b>4.0</b> Opening
<b>1.1</b> Building Context for Pre-AP in Your Classroom	<b>2.1</b> Tech Trip: Pre-AP Classroom	<b>3.1</b> Assessment Focus: Formative Assessment Goal	<b>4.1</b> Assessment Focus: Learning Checkpoint Reports that Inform Instruction
<b>1.2</b> Building Your Course: Beginning with the Course Framework	<b>2.2</b> Assessment Focus: Pre-AP Learning Checkpoints	<b>3.2</b> Experiencing Unit 3 Model Lesson 3.2	<b>4.2</b> Building Your Course: Planning Teacher Developed Lessons
<b>1.3</b> Assessment Focus: Pre-AP Performance Tasks	<b>2.3</b> Experiencing Unit 2 Model Lesson 2.1	<b>3.3</b> Teacher Perspectives on Unit 3 Model Lesson 3.2	<b>4.3</b> Experiencing Unit 4
<b>1.4</b> Experiencing Unit 1 Model Lesson 1.7	<b>2.4</b> Teacher Perspectives on Unit 2 Model Lesson 2.1	<b>3.4</b> Building Your Course: Planning at the Lesson Level	<b>4.4</b> Teacher Perspectives on Model Lessons Across the Course
<b>1.5</b> Teacher Perspectives on Unit 1 Model Lesson 1.7	<b>2.5</b> Building Your Course: The Big Picture of Unit 1	<b>3.5</b> Reflect and Connect	<b>4.5</b> Reflect and Connect
<b>1.6</b> Reflect and Connect	<b>2.6</b> Reflect and Connect: Interdisciplinary Planning and Reflection		

# Pre-AP Geometry with Statistics Summer Institute

## Institute Objectives

Participants will ...

- Examine the Pre-AP Geometry with Statistics framework, instructional materials, and assessments
- Analyze how Pre-AP Geometry with Statistics supports all students in achieving college and career readiness, access to AP coursework, and SAT success
- Apply the Pre-AP Geometry with Statistics Course Framework, mathematics areas of focus, and shared principles in building their course

## Agenda at a Glance

<b>Day One The Big Picture</b>	<b>Day Two Break It Down</b>	<b>Day Three Make It Your Own</b>	<b>Day Four Put It All Together</b>
<b>1.0</b> Welcome: Building a Learning Community	<b>2.0</b> Opening	<b>3.0</b> Opening	<b>4.0</b> Opening
<b>1.1</b> Building Pre-AP Context	<b>2.1</b> Tech Trip: The Pre-AP Digital Platform	<b>3.1</b> Supporting the Areas of Focus within a Lesson	<b>4.1</b> Assessment Focus: Feedback That Supports Student Growth
<b>1.2</b> Assessment Focus: Pre-AP Performance Tasks	<b>2.2</b> Assessment Focus: Pre-AP Learning Checkpoints	<b>3.2</b> Pre-AP Geometry with Statistics: Transformations in Unit 3	<b>4.2</b> Building Your Course: Planning Personalized Instructional Time
<b>1.3</b> Pre-AP Geometry with Statistics: Introducing Trigonometric Ratios in Unit 2	<b>2.3</b> Pre-AP Geometry with Statistics: Variability of Data in Unit 1	<b>3.3</b> Pre-AP Geometry with Statistics: Transformations in Unit 3 - A Teacher View	<b>4.3</b> Pre-AP Geometry with Statistics: Area in Unit 4
<b>1.4</b> Pre-AP Geometry with Statistics: Introducing Trigonometric Ratios in Unit 2 - A Teacher View	<b>2.4</b> Pre-AP Geometry with Statistics: Variability of Data in Unit 1 - A Teacher View	<b>3.4</b> Assessment Focus: Learning Checkpoint Reports that Inform Instruction	<b>4.4</b> Pre-AP Geometry with Statistics: Area in Unit 4 - A Teacher View
<b>1.5</b> Building Your Course: Beginning with the Course Framework	<b>2.5</b> Building Your Course: Getting the Big Picture of Unit 1	<b>3.5</b> Building Your Course: Planning at the Lesson Level	<b>4.5</b> Reflect and Connect
<b>1.6</b> Reflect and Connect: The Pre-AP Geometry with Statistics Community	<b>2.6</b> Reflect and Connect: Interdisciplinary Planning and Reflection	<b>3.6</b> Reflect and Connect	

# Pre-AP Biology Summer Institute

## Institute Objectives

Participants will ...

- Examine the Pre-AP Biology Course Framework, instructional materials, and assessments
- Analyze how Pre-AP Biology supports all students in achieving college and career readiness, access to AP coursework, and SAT success
- Apply the Pre-AP Biology Course Framework, science areas of focus, and shared principles in building their course

## Agenda at a Glance

<b>Day 1</b> <b>The Big Picture</b>	<b>Day 2</b> <b>Break It Down</b>	<b>Day 3</b> <b>Make It Your Own</b>	<b>Day 4</b> <b>Put It All Together</b>
<b>1.0</b> Welcome – Building a Learning Community	<b>2.0</b> Opening	<b>3.0</b> Opening	<b>4.0</b> Opening
<b>1.1</b> Building Pre-AP Context	<b>2.1</b> Examining the Pre-AP Classroom	<b>3.1</b> Attention to Modeling in Unit 3	<b>4.1</b> Assessment Focus – Feedback That Supports Student Growth
<b>1.2</b> Assessment Focus – Pre-AP Performance Tasks	<b>2.2</b> Assessment Focus – Pre-AP Learning Checkpoints	<b>3.2</b> Attention to Modeling in Unit 3 – A Teacher View	<b>4.2</b> Building Your Course – Planning Personalized Instructional Time
<b>1.3</b> Attention to Modeling in Unit 1	<b>2.3</b> Attention to Modeling and Strategic Use of Mathematics in Unit 2	<b>3.3</b> Assessment Focus – Learning Checkpoint Reports That Inform Instruction	<b>4.3</b> Bringing Together the Pre-AP Science Areas of Focus in Unit 4
<b>1.4</b> Strategic Use of Mathematics in Unit 1	<b>2.4</b> Attention to Modeling and Strategic Use of Mathematics in Unit 2 – A Teacher View	<b>3.4</b> Building Your Course – Lesson-Level Planning	<b>4.4</b> Bringing Together the Pre-AP Science Areas of Focus in Unit 4 – A Teacher View
<b>1.5</b> Building Your Course – Beginning with the Course Framework	<b>2.5</b> Building Your Course – Getting the Big Picture of Unit 1	<b>3.5</b> Reflect and Connect	<b>4.5</b> Reflect and Connect
<b>1.6</b> Reflect and Connect – The Pre-AP Biology Online Community	<b>2.6</b> Reflect and Connect – Interdisciplinary Planning and Reflection		

# Pre-AP Chemistry Summer Institute

## Institute Objectives

Participants will ...

- Examine the Pre-AP Chemistry Course Framework, instructional materials, and assessments
- Analyze how Pre-AP Chemistry supports all students in achieving college and career readiness, access to AP coursework, and SAT success
- Apply the Pre-AP Chemistry Course Framework, areas of focus, and shared principles in building their course

## Agenda at a Glance

<b>Day One The Big Picture</b>	<b>Day Two Break It Down</b>	<b>Day Three Make It Your Own</b>	<b>Day Four Put It All Together</b>
<b>1.0</b> Welcome: Building a Learning Community	<b>2.0</b> Opening	<b>3.0</b> Opening	<b>4.0</b> Opening
<b>1.1</b> Building Pre-AP Context	<b>2.1</b> Tech Trip: The Pre-AP Digital Platform	<b>3.1</b> Pre-AP Chemistry: Introducing the Mole in Unit 3	<b>4.1</b> Assessment Focus: Feedback That Supports Student Growth
<b>1.2</b> Assessment Focus: Pre-AP Performance Tasks	<b>2.2</b> Assessment Focus: Pre-AP Learning Checkpoints	<b>3.2</b> Pre-AP Chemistry: Introducing the Mole in Unit 3 - A Teacher View	<b>4.2</b> Building Your Course: Planning Personalized Instructional Time
<b>1.3</b> Pre-AP Chemistry: Relating Mass and Volume in Unit 1	<b>2.3</b> The Pre-AP Chemistry: Intermolecular Forces in Unit 2	<b>3.3</b> Assessment Focus: Learning Checkpoint Reports that Inform Instruction	<b>4.3</b> Pre-AP Chemistry: Bond Energy in Unit 4
<b>1.4</b> Pre-AP Chemistry: Relating Mass and Volume in Unit 1 - A Teacher View	<b>2.4</b> Pre-AP Chemistry: Intermolecular Forces in Unit 2 - A Teacher View	<b>3.4</b> Building Your Course: Planning at the Lesson Level	<b>4.4</b> Pre-AP Chemistry: Bond Energy in Unit 4 - A Teacher View
<b>1.5</b> Building Your Course: Beginning with the Course Framework	<b>2.5</b> Building Your Course: Getting the Big Picture of Unit 1	<b>3.5</b> Reflect and Connect	<b>4.5</b> Reflect and Connect
<b>1.6</b> Reflect and Connect: The Pre-AP Chemistry Community	<b>2.6</b> Reflect and Connect: Interdisciplinary Planning and Reflection		

# Pre-AP English 1 Summer Institute

## Institute Objectives

Participants will:

- Examine the Pre-AP English 1 Course Framework, assessments, and instructional resources
- Internalize how the Pre-AP approach to teaching and learning supports all students in achieving success toward SAT, AP, and college and career readiness
- Apply the Pre-AP English 1 course framework, areas of focus, and shared principles to course planning

## Agenda at a Glance

<b>Day One</b> <b>Getting the Big Picture</b>	<b>Day Two</b> <b>Meeting Learners' Needs</b>	<b>Day Three</b> <b>Making It Your Own</b>	<b>Day Four</b> <b>Putting It All Together</b>
<b>1.0</b> Preparing to Learn	<b>2.0</b> Preparing to Learn	<b>3.0</b> Preparing to Learn	<b>4.0</b> Preparing to Learn
<b>1.1</b> Beginning with the End in Mind	<b>2.1</b> Experiencing Instructional Resources: From Unit 2 – Pivotal Words and Phrases	<b>3.1</b> Experiencing Instructional Resources: Unit 3 – Compelling Evidence	<b>4.1</b> Experiencing Instructional Resources: Unit 4 – Powerful Openings
<b>1.2</b> Experiencing Instructional Resources: Unit 1 – Telling Details	<b>2.2</b> Analyzing Instructional Resources: Writing Tasks	<b>3.2</b> Examining Pre-AP Assessments for Learning	<b>4.2</b> Synthesizing Course Components
<b>1.3</b> Analyzing Instructional Resources: Writing Instruction	<b>2.3</b> Examining Teacher Resources & Online Tools	<b>3.3</b> Using Pre-AP Assessment Results for Actionable Feedback	<b>4.3</b> Synthesizing the Year-long Sequence
<b>1.4</b> Connecting, Reflecting, Goal Setting	<b>2.4</b> Building Your Course	<b>3.4</b> Building Your Course	<b>4.4</b> Building Your Course
		<b>3.5</b> Connecting and Reflecting	<b>4.5</b> Feedback and Future

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# Pre-AP English 2 Summer Institute

## Institute Objectives

Participants will:

- Examine the Pre-AP English 2 Course Framework, model lessons, and assessments
- Internalize how the Pre-AP approach to teaching and learning supports all students in achieving success toward SAT, AP, and college and career readiness
- Apply the Pre-AP shared principles and English 2 areas of focus and course framework to yearlong planning

## Agenda at a Glance

<b>Day One The Big Picture</b>	<b>Day Two Meeting Learners' Needs</b>	<b>Day Three Formative Assessment</b>	<b>Day Four Make It Yours</b>
<b>1.0</b> Preparing to Learn	<b>2.0</b> Preparing to Learn	<b>3.0</b> Preparing to Learn	<b>4.0</b> Preparing to Learn
<b>1.1</b> Beginning with the End in Mind	<b>2.1</b> Unit 2: Persuasion in Literature	<b>3.1</b> Unit 3: Voice in Synthesis	<b>4.1</b> Unit 4: Purpose in Poetry and Prose
<b>1.2</b> Unit 1: Moves in Argument	<b>2.2</b> Examining Scaffolded Writing in Unit 2	<b>3.2</b> Unit 3: Focus on Assessment	<b>4.2</b> Purposeful Planning
<b>1.3</b> Unit 1: Moves in Argument	<b>2.3</b> Supporting and Extending Learning	<b>3.3</b> Analyzing and Responding to Formative Assessment	<b>4.3</b> Building Your Course
<b>1.4</b> Reflect and Connect	<b>2.4</b> Building Your Course	<b>3.4</b> Building Your Course & Quality Feedback	<b>4.4</b> Building Your Course
	<b>2.5</b> Interdisciplinary Session	<b>3.5</b> Connect and Reflect	<b>4.5</b> Reflect and Close

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# Pre-AP World History and Geography Course Summer Institute

## Institute Objectives

Participants will:

- Examine the Pre-AP World History and Geography Course Framework, course guide, and instructional materials
- Analyze how Pre-AP approach to teaching and learning supports all students in achieving success toward SAT, AP, and college and career readiness
- Apply the Pre-AP World History and Geography framework, areas of focus, and shared principles to course materials

## Agenda at a Glance

<b>Day 1 Readiness and the Course</b>	<b>Day 2 Meeting Learners' Needs</b>	<b>Day 3 Formative Assessments</b>	<b>Day 4 Planning Your Course</b>
<b>1.0</b> Preparing to Learn	<b>2.0</b> Preparing to Learn	<b>3.0</b> Preparing to Learn	<b>4.0</b> Preparing to Learn
<b>1.1</b> Readiness and the Pre-AP Performance Task	<b>2.1</b> Experiencing Instructional Resources: G.1-Intro	<b>3.1</b> Experiencing Instructional Resources: 5.1 Intro	<b>4.1</b> Experiencing Instructional Resources: 5.1
<b>1.2</b> The Course Framework	<b>2.2</b> Experiencing Instructional Resources: 2.1-B	<b>3.2</b> Pre-AP WHG Assessment Suite	<b>4.2</b> Teacher's Perspective
<b>1.3</b> Pre-AP Instructional Resources	<b>2.3</b> Teacher's Perspective	<b>3.3</b> Experiencing Instructional Resources: 5.5	<b>4.3</b> Building Source Explorations
<b>1.4</b> Reflect and Connect	<b>2.4</b> Building the Course	<b>3.4</b> Teacher's Perspective	<b>4.4</b> Building the Course: Unit
	<b>2.5</b> Interdisciplinary Session	<b>3.5</b> Building the Course: Learning Objective	<b>4.5</b> Building the Course
		<b>3.6</b> Reflect and Connect	<b>4.6</b> Reflect and Close



# Pre-AP Arts Course Summer Institute

## Institute Objectives

We will:

- Examine the Pre-AP Arts Framework, course guide, modules, and assessments
- Internalize how Pre-AP instructional design supports all students in achieving success toward SAT, AP, and college and career readiness
- Apply the Pre-AP shared principles and areas of focus to the yearlong plan and classroom instruction

## Agenda at a Glance

Day One	Day Two	Day Three	Day Four
<b>1.0</b> Preparing to Learn	<b>2.0</b> Preparing to Learn	<b>3.0</b> Preparing to Learn	<b>4.0</b> Preparing to Learn
<b>1.1</b> The Pre-AP Arts Framework	<b>2.1</b> The Pre-AP Arts Module	<b>3.1</b> Modeling Course Materials: Peer-to-Peer Dialogue	<b>4.1</b> Accessibility in the Pre-AP Arts Classroom
<b>1.2</b> The Pre-AP Arts Performance Assessments	<b>2.2</b> Modeling Course Materials: Experimentation	<b>3.2</b> Analyzing Course Materials: Peer-to-Peer Dialogue	<b>4.2</b> Modeling Course Materials: Analysis and Interpretation
<b>1.3</b> Modeling Course Materials: Reflective Writing	<b>2.3</b> Building the Course: Experimentation	<b>3.3</b> Pre-AP Arts Formative Assessments	<b>4.3</b> Transfer and Apply: Analysis and Interpretation
<b>1.4</b> Analyzing Course Materials: Reflective Writing	<b>2.4</b> Purposeful Planning: Accommodating Learners' Needs	<b>3.4</b> Reflection: Peer-to-Peer Dialogue	<b>4.4</b> Building the Course
<b>1.5</b> Connect and Reflect	<b>2.5</b> Preparing to Meet with School Teams	<b>3.5</b> Building the Course: Peer-to-Peer Dialogue, Research, and Reflection	<b>4.5</b> Closing
	<b>2.6</b> Interdisciplinary Planning		