# TEST PREP REVIEW SESSIONS SUMMARY

## Course: Algebra 1

### Session 1: Systems
- Write systems of equations and inequalities
- Solve systems of equations and inequalities

### Session 2: Rate of Change
- Use formula to find rate of change from table, graph or equation

### Session 3: Modeling Linear Functions
- Creating equations that describe numbers
- Interpreting linear functions

### Session 4: Modeling Exponential Functions
- Identify equivalent expressions
- Evaluate exponential functions
- Write exponential functions

### Session 5: Families of Functions
- Describe characteristics of linear, exponential and quadratic functions
- Associate linear functions with constant rates of change
- Associate exponential and quadratic functions with variable rates of change

### Session 6: Solving Quadratics
- Solve by using graphing calculator
- Solve by quadratic formula
- Solve by factoring
- Solve by completing the square

## Course: Algebra 2

### Session 1:
- Analysis of Data

### Session 2:
- Graphing Trigonometric Functions

### Session 3:
- Evaluating Logarithmic Expressions

### Session 4:
- Graphing Polynomial Functions

### Session 5:
- Sequences

### Session 6:
- Exponential Growth and Decay
### Course: Earth Science

#### Session 1:
- Introduction to Earth Science – layers of Earth, Density
- Measuring Earth – Latitude, Longitude, profiling, topographic maps

#### Session 2:
- Astronomy – Doppler Effect, Solar system Data, Star Data, Eccentricity, Moon Phases

#### Session 3:
- Motions of the Earth Moon and Sun, Seasons
- Heat Transfer Methods

#### Session 4:
- Weather – Air Masses, Fronts, Planetary Winds, Station Models, Dew Point, Relative Humidity

#### Session 5:
- Lab Practical Review
- Ellipses, Epicenters, Rocks and Minerals

#### Session 6:
- Study Tips
- Practice Test

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### Course: English

#### Session 1:
- overview of exam and reading comprehension (fiction)

#### Session 2:
- reading comprehension (poetry/non-fiction)

#### Session 3:
- text analysis (fiction)

#### Session 4:
- text analysis (non-fiction)

#### Session 5:
- argumentative essay

#### Session 6:
- argumentative essay/Regents overview
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<th>Course: Living Environment</th>
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<tr>
<td><strong>Session 1:</strong></td>
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<tr>
<td>• Scientific Method - Graphing</td>
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<td><strong>Session 2:</strong></td>
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<td>• Homeostasis/ Macromolecules</td>
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<td><strong>Session 3:</strong></td>
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<td>• Modern Genetics</td>
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<td><strong>Session 4:</strong></td>
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<td>• Evidence of Evolution/ State Labs</td>
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<td>• Ecology/ Human Impact</td>
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<td>• Practice Regents</td>
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<th>Course: Physics</th>
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<td>• Energy</td>
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<td>• Waves &amp; Light</td>
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<td>• Static Electricity</td>
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<td>• Reading Comprehension Strategies</td>
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<td>• Argument Reading Strategies</td>
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<td>• Argument Writing Strategies Part 1</td>
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<tr>
<td>• Argument Writing Strategies Part 2</td>
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<td>• Text Analysis Response: Central Idea</td>
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<tr>
<td>• Strategies for Part 1, 2, and 3 Review</td>
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### Course: Geometry

**Session 1:**
- Transformation & Dilations

**Session 2:**
- Similar Triangles

**Session 3:**
- Polygons (Triangles + Quads)

**Session 4:**
- Coordinate Geometry

**Session 5:**
- Trigonometry

**Session 6:**
- Volume & Circles

### Course: Italian Checkpoint B Test Prep

**Session 1:**
- Writing Practice

**Session 2:**
- Reading Comprehension/ Vocabulary Review

**Session 3:**
- Listening Practice/ Vocabulary Review

**Session 4:**
- Speaking Practice

**Session 5:**
- Speaking Practice

**Session 6:**
- Writing Practice

### Course: Spanish Checkpoint B Test Prep

**Session 1:**
- Writing Practice

**Session 2:**
- Reading Comprehension/ Vocabulary Review

**Session 3:**
- Listening Practice/ Vocabulary Review

**Session 4:**
- Speaking Practice

**Session 5:**
- Speaking Practice

**Session 6:**
- Writing Practice
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<th><strong>Course:</strong></th>
<th>French 3 FLACS Exam</th>
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| **Session 1:** | Tenses Review  
|             | Essay Read to Write Practice |
| **Session 2:** | Speaking Practice: My Identity  
|             | Speaking Practice: My Family |
| **Session 3:** | Speaking Practice: My House  
|             | Speaking Practice: My Community |
| **Session 4:** | Speaking Practice: My Future Education  
|             | Speaking Practice: My Future Profession |
| **Session 5:** | Speaking Practice: Job Interview  
|             | Speaking Practice: Sports/ Free Time |
| **Session 6:** | Speaking Practice: Health/ Injuries  
|             | Speaking Practice: Travel |

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<th><strong>Course:</strong></th>
<th>Global History - New Framework/ENL</th>
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<td>10.6-10.10</td>
<td>Cold War to Present Day</td>
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**Course: Global History - Transition Exam**

10.1-10.5 = Absolutism through World War 2  
10.6-10.10 = Cold War to Present Day

**Session 1:**  
- Units 10.1-10.5/Part 1: Multiple Choice

**Session 2:**  
- Units 10.1-10.5/Part 2: Thematic Essay

**Session 3:**  
- Units 10.1-10.5/Part 3: Documents/DBQ Essay

**Session 4:**  
- Units 10.6-10.10: Part I: Multiple Choice

**Session 5:**  
- Units 10.6-10.10: Part 2: Thematic Essay

**Session 6:**  
- Units 10.6-10.10: Part 3: Documents/DBQ Essay

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**Course: US History**

11.1-11.5 = Colonial America through World War 2  
11.6-11.10 = Cold War to Present Day

**Session 1:**  
- Units 11.1-11.5/Part I: Multiple Choice

**Session 2:**  
- Units 11.1-11.5/Part 2: Thematic Essay

**Session 3:**  
- Units 11.1-11.5/Part 3: Documents/DBQ Essay

**Session 4:**  
- Units 11.6-11.10: Part I: Multiple Choice

**Session 5:**  
- Units 11.6-11.10: Part 2: Thematic Essay

**Session 6:**  
- Units 11.6-11.10: Part 3: Documents/DBQ Essay