



## Summer Bridge to 9th Grade

Dear Parents,

Welcome to Legacy! We are so excited to have you and we look forward to the upcoming school year. At Legacy, we believe summer is a time for swimming, relaxing, playing with friends and vacationing, but we also hope you can help keep your student's skills sharp over the break. This packet is designed to help you accomplish this task over the summer months.

Within this packet are details about summer work that may be turned in to your child's home room teacher for a homework grade at the beginning of the year. Each Summer Bridge Packet is designed by the Legacy teaching staff with skills specifically designed to "bridge" the summer between each grade level.

Students are required to complete the reading and book reports below. All incoming 9th grade students should read Adam and His Kin, by Ruth Beechick and a book of their choice. Beginning discussion in both English 9 and World Studies I will focus heavily on this text. Students should complete the study questions below regarding this text and return them to school on the first day of class. A second book of the student's choice should also be completed alongside the book report questions, as directed below.

We pray you have a wonderful summer with your family and friends!

Blessings,

Legacy Preparatory Christian Academy

## Summer Bridge - from Algebra to Geometry

Below is the link for online chapter tests from Glencoe Algebra I. Completing these over the summer will ensure a smooth transition into Glencoe Geometry in the fall. Whether or not you completed Glencoe Algebra I or another curriculum, these exercises will be beneficial to you over the summer.

[http://www.glencoe.com/sec/math/algebra/algebra1/algebra1\\_05/chapter\\_test/index.php4/na](http://www.glencoe.com/sec/math/algebra/algebra1/algebra1_05/chapter_test/index.php4/na)

(Following the link, you will see the chapters listed as below.)

### Chapter Test

The **Chapter Test** is designed to let you test your skills with a sampling of problems from each chapter in your textbook. Choose your chapter from the list below.

Chapter 1 - The Language of Algebra

Chapter 2 - Real Numbers

Chapter 3 - Solving Linear Equations

Chapter 4 - Graphing Relations and Functions

Chapter 5 - Analyzing Linear Equations

Chapter 6 - Solving Linear Inequalities

Chapter 7 - Solving Systems of Linear Equations and Inequalities

Chapter 8 - Polynomials

Chapter 9 - Factoring

Chapter 10 - Quadratic and Exponential Functions

Chapter 11 - Radical Expressions and Triangles

Chapter 12 - Rational Expressions and Equations

Chapter 13 - Statistics

Chapter 14 - Probability

### Instructions:

For each chapter (excluding chapters 13 and 14), please

1. Complete the online test and click 'check it' at the bottom of the test.
2. Print the checked test. (You may want to scale it down on your print options to save space.)
3. To the side of each incorrect problem, make corrections, showing your work that leads to the correct answer (which will be given you).

\*\*If you are unsure of how to work a problem, use the 'Parent and Student Study Guide' found under 'Lesson Resources' in the left hand column of your screen.

For example, if you miss a question on the Pythagorean Theorem on Ch. 11 test, you would click 'Lesson Resources', 'Parent and Student Study Guide', 'Chapter 11', and 'Lesson 4 - The Pythagorean Theorem'.

\*\*(Recommended pace: one chapter per summer week)

**At the beginning of the Fall semester, when summer bridge work is requested, you will submit 12 completed and corrected tests (chapters 1 through 12) to your Geometry teacher in a folder labeled with your name and 'Summer Bridge to Geometry'.**

While no written work needs to be submitted for the following, **it is expected that students should have mastered basic math facts** (including multiplication tables through 12 and operations with decimals, fractions, and integers), **as well as basic geometry formulas** (including area of circles, triangles, and quadrilaterals).

For a refresher, please find the review of these topics at this convenient site [http://www.glencoe.com/sites/texas/teacher/mathematics/assets/math\\_review.html](http://www.glencoe.com/sites/texas/teacher/mathematics/assets/math_review.html)

## Summer Bridge to English 9

Name: \_\_\_\_\_

Date book was finished: \_\_\_\_\_

For summer reading you will read and complete two book report forms on the books you read. All students going into the 9th grade should read Adam and His Kin, by Ruth Beechick as one of their books. The other book selection can be a book of your choice, but must be a minimum of 150 pages and must be a book you have never read before. Complete the following form for both books you read.

Book #1: Adam and His Kin

1. What parts of this story are in the Bible? Be specific and answer thoroughly.

1. What parts of this story are not in the Bible? Be specific and answer thoroughly.

Do they agree with the Bible as a whole or do you feel the author might be wrong?

2. Are there parts of the Biblical account that you didn't notice or think about until you read this story?

3. For which parts of the story did the author use her imagination? Be specific and give examples with page numbers.

4. Do you think she glorified the Lord by using her imagination this way? Why or why not?

5. What is fiction?

6. Why do you think the author wrote this book?

7. Did you like this book? Why or why not? Give specific details to support your answer.

Name: \_\_\_\_\_

Date book was finished: \_\_\_\_\_

Complete the following report about a book of your choice.

Book #2: (Student Selection)

Title:

Author:

Number of Pages:

Vocabulary: Identify and define 5 new/unfamiliar words in this book.

1.

2.

3.

4.

5.

Setting: Name and describe where/when this story took place.

Characters: Who were the characters? Write their names and a description of each. What were their physical characteristics? What were their attitudes, behaviors, and beliefs?

Problem/Conflict: What was the action/climax of the story? Use specific details from the story to describe the climax.

Main Events: What were 5-10 main events in the story? Be descriptive and specific!

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

Conclusion: How did the story end?

Write a brief review of this book. Would you recommend it to a friend? Why/why not?

Pretend you are the teacher! Write 5 multiple-choice questions for this book! Include 4 answer choices for each question. Use specific details from the book when writing your questions.

Question #1:

Question #2:

Question #3:

Question #4:

Question #5: