



Stafford MSD Summer Enrichment Plan

This plan contains four weeks (20 days) of resources in the areas of English, math, science, and social studies. Visit TEA's [Texas Home Learning](https://texashomelearning.org/) for additional resources.

First-time Visitors: Each student will need to create an account to access the curriculum at [Texas Home Learning](https://texashomelearning.org/) [Grades 6-12 Digital Resource Accounts Set-Up](#).

Returning Students: Scroll down this document to work on your next day's enrichment activities. Click on the links within the plan to return to the various websites. Log in using the username/passwords you created during the first-time user set-up.

Prefer the print version? Visit TEA's [Summer Learning Packets](#) and choose your grade level. The packets are over 300 pages so it might take a few minutes to download.

Daily Summer Enrichment Schedule Grade 9, Week 1, Day 1: Monday	
Language Arts	1 Hour
English I Personal Growth <ul style="list-style-type: none"> Read and annotate the poem "To My Dear and Loving Husband." Answer both the text dependent questions and the discussion questions following the passage. As you work, go back into the text and highlight the evidence that supports your answer choices. 	
Math	1 Hour
Algebra I Course Challenge <ul style="list-style-type: none"> Log in to Khan Academy. Click on "Courses" on the navigation bar and then select "Algebra I" if you have not already been assigned a course. Scroll to the bottom of the page the Course Challenge section. Click on the "Start Course Challenge" button. Complete the challenge. Geometry Course Challenge <ul style="list-style-type: none"> Log in to Khan Academy. Click on "Courses" on the navigation bar and then select "Geometry" if you have not already been assigned a course. Scroll to the bottom of the page the Course Challenge section. Click on the "Start Course Challenge" button. Complete the challenge. 	
Science	45 Minutes
Biology	

Course Challenge

- Log in to [Khan Academy](#).
- Click on “Courses” on the navigation bar and then select “High school biology” if you have not already been assigned a course.
- Scroll to the bottom of the page the Course Challenge section.
- Click on the “Start Course Challenge” button.
- Complete the challenge.

Social Studies

45 Minutes

World Geography

- Log on to [Newsela](#).
- On the top navigation bar under “Your Content,” select “Texas Home Learning.”
- Under Texas Home Learning: Social Studies, click on “World Geography” to find the articles for the week.
- Read and annotate the article “The Five Themes of Geography Help Coordinate the Study of our Planet.”
- Write one paragraph summarizing the five themes of geography.

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:

- Were you able to complete all the assigned activities?
- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

The caregiver may also want to work with the student’s teachers to send pictures of student work or information about the student’s learning progress.

Daily Summer Enrichment Schedule Grade 9, Week 1, Day 2: Tuesday

Language Arts

1 Hour

English I

Personal Growth

- Read and annotate the excerpt from the drama “[Romeo and Juliet](#).”
- Answer the text dependent questions following the passage. As you work, go back into the text and highlight the evidence that supports your answer choices.

Math

1 Hour

Algebra I

Solving equations & inequalities

- Log in to [Khan Academy](#).

- Scroll down the page to “Solving equations & inequalities.” Click on the title.
- Watch “Why we do the same thing to both sides: Variables on both sides” and “Intro to equations with variables on both sides.” Record notes on a piece of paper or notebook as you follow along.
- Complete the practice for Equations with variables on both sides.

Geometry

Right triangles & trigonometry

- Log in to [Khan Academy](#).
- Scroll down the page to “Right triangles & trigonometry” and click on title.
- Under Pythagorean theorem, watch “Intro to Pythagorean theorem,” “Intro to the Pythagorean theorem 2” and “Pythagorean theorem word problem: fishing boat.” Record notes on a piece of paper or notebook as you follow along.
- Complete practice for Use Pythagorean theorem to find right triangle side lengths.

Science

45 Minutes

Biology

Energy and transport

- Log in to [Khan Academy](#).
- Scroll down the page to “Energy and transport” and click on the title.
- Under Introduction to metabolism, watch “Introduction to metabolism” and “ATP: Adenosine triphosphate.” Record notes on a piece of paper or notebook as you follow along.
- Complete the “Overview of metabolism” and “Introduction to metabolism review” lesson.
- Complete the practice for Introduction to metabolism.

Social Studies

45 Minutes

World Geography

- Log on to [Newsela](#).
- On the top navigation bar under “Your Content,” select “Texas Home Learning.”
- Under Texas Home Learning: Social Studies, click on “World Geography” to find the articles for the week.
- Reread the article “The Five Themes of Geography Help Coordinate the Study of our Planet.”
- Answer the text dependent quiz questions.
- Respond to the following prompt in 2-3 paragraphs: why is the study of geography important?

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:

- Were you able to complete all the assigned activities?
- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

The caregiver may also want to work with the student’s teachers to send pictures of student work or information about the student’s learning progress.

Daily Summer Enrichment Schedule Grade 9, Week 1, Day 3: Wednesday

Language Arts and Reading	1 Hour
English I Personal Growth <ul style="list-style-type: none"> • Read and annotate <i>"YouTube Users with Disabilities Help to Normalize Differences on Platform"</i> / <i>"Personas con discapacidad crean videos en YouTube para compartir y normalizar sus experiencias."</i> • Respond in writing to the following prompt: make and support a claim about why someone should read this text. What makes this text worth reading? What will a reader gain or what might a reader do after reading this? Support your response with specific details from the text. • Please note that this article can also be found at five different reading levels under "Texas Home Learning" when signed into https://newsela.com/. 	
Math	1 Hour
Algebra I Linear equations with variables on both sides <ul style="list-style-type: none"> • Log in to Khan Academy. • Watch "Equations with variables on both sides: $20-7x=6x-6$," "Equations with variables on both sides: fractions" and "Equation with the variable in the denominator." Record notes on a piece of paper or notebook as you follow along. • Complete the practice for Equations with variables on both sides: decimals & fractions. Geometry Pythagorean theorem <ul style="list-style-type: none"> • Log in to Khan Academy. • Watch "Pythagorean theorem example," "Pythagorean theorem word problem: carpet" and "Pythagorean theorem with isosceles triangle." Record notes on a piece of paper or notebook as you follow along. • Complete the practice for Use Pythagorean theorem to find isosceles triangle side lengths. 	
Science	45 Minutes
Biology Enzymes <ul style="list-style-type: none"> • Log in to Khan Academy. • Watch "Introduction to kinetics" and "Enzymes." Record notes on a piece of paper notebook as you follow along. Record notes on a piece of paper or notebook as you follow along. • Complete "Activation energy" and "Enzyme review" lessons. • Complete the Enzyme practice. 	
Social Studies	45 Minutes
World Geography <ul style="list-style-type: none"> • Log on to Newsela. • On the top navigation bar under "Your Content," select "Texas Home Learning." 	

- Under Texas Home Learning: Social Studies, click on “World Geography” to find the articles for the week.
- Read and annotate the article “History of the Land Bridge Theory.”
- Answer the text dependent quiz questions.

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:

- Were you able to complete all the assigned activities?
- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

The caregiver may also want to work with the student’s teachers to send pictures of student work or information about the student’s learning progress.

Daily Summer Enrichment Schedule Grade 9, Week 1, Day 4: Thursday

Language Arts and Reading

1 Hour

English I

Personal Growth

- Read and annotate the article “*The Biology of Awareness*.”
- Answer the text dependent quiz questions following the passage. As you work, go back into the text and highlight the evidence that supports your answer choices.
- Compare “*The Biology of Awareness*” / “*La biología de la percepción*” to Tuesday’s reading of “*YouTube Users with Disabilities Help to Normalize Differences on Platform*” / “*Personas con discapacidad crean videos en YouTube para compartir y normalizar sus experiencias*” and respond in writing to the following prompt: What is one thing both authors would agree on? What is something that the authors would disagree about?
- Please note that these articles can also be found at five different reading levels under “Texas Home Learning” when signed into <https://newsela.com/>.

Math

1 Hour

Algebra I

Linear equations with parentheses

- Log in to [Khan Academy](https://www.khanacademy.org/).
- Watch “Equations with parentheses.” Record notes on a piece of paper or notebook as you follow along.
- Complete “Multi-step equations review.”
- Complete the practice for Equations with parentheses and Equations with parentheses: decimals & fractions.

Geometry

Pythagorean theorem

- Log in to [Khan Academy](#).
- Watch “Introduction to the Pythagorean theorem” and “Pythagorean theorem II.” Record notes on a piece of paper or notebook as you follow along.
- Complete practice for Pythagorean theorem challenge.

Science

45 Minutes

Biology

Passive and active transport

- Log in to [Khan Academy](#).
- Watch “Introduction to passive and active transport,” “Diffusion- Introduction” and “Concentration gradients.” Record notes on a piece of paper notebook as you follow along.
- Complete the Passive transport practice.

Social Studies

45 Minutes

World Geography

- Log on to [Newsela](#).
- On the top navigation bar under “Your Content,” select “Texas Home Learning.”
- Under Texas Home Learning: Social Studies, click on “World Geography” to find the articles for the week.
- Reread the article “History of the Land Bridge Theory.”
- Respond to the following prompt in 2-3 paragraphs: What is the land bridge theory? Why do most scientists believe this is how people arrived in North America over 16,500 years ago? What evidence has been found that conflicts with this theory? Use evidence from the article to support your claims.

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:

- Were you able to complete all the assigned activities?
- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

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Daily Summer Enrichment Schedule Grade 9, Week 1, Day 5: Friday

Language Arts and Reading

1 Hour

English I

Personal Growth

- Read and annotate the poem “*I’m Happiest When Most Away*.”

- Answer the text dependent questions and the discussion questions following the passage. As you work, go back into the text and highlight the evidence that supports your answer choices.

Math

1 Hour

Algebra I

Solving equations & inequalities

- Log in to [Khan Academy](#).
- Take Quiz 1.
- Based on quiz score, return to practice to improve performance on Linear equations with variables on both sides and Equations with variables on both sides: decimals & fractions.

Geometry

Pythagorean theorem proofs

- Log in to [Khan Academy](#).
- Watch Garfield's proof of the Pythagorean theorem," "Bhaskara's proof of the Pythagorean theorem," "Pythagorean theorem proof using similarity" and "Another Pythagorean theorem proof." Record notes on a piece of paper or notebook as you follow along.

Science

45 Minutes

Biology

Passive and active transport

- Log in to [Khan Academy](#).
- Watch "Sodium potassium pump." Record notes on a piece of paper notebook as you follow along.
- Complete the "Passive transport review" and "Active transport review" lessons.
- Complete the practice for Active transport.

Social Studies

45 Minutes

World Geography

- Consider the readings from this week.
- Respond to the following prompt in 2-3 paragraphs: What did you learn regarding geography this week that you did not know before? What would you like to learn more about?
- Discuss your responses with a friend or someone in your household.

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:

- Were you able to complete all the assigned activities?
- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

The caregiver may also want to work with the student's teachers to send pictures of student work or information about the student's learning progress.

Daily Summer Enrichment Schedule Grade 9, Week 2, Day 1: Monday

Language Arts and Reading	1 Hour
<p>English I Personal Growth</p> <ul style="list-style-type: none"> Read and annotate the article <i>“Don’t Despair if You Ate the Marshmallow Right Away”</i> / <i>“Nuevo estudio desacredita resultados de la prueba del malvavisco.”</i> Answer the text dependent quiz questions following the passage. As you work, go back into the text and highlight the evidence that supports your answer choices. Please note that this article can also be found at five different reading levels under “Texas Home Learning” when signed into https://newsela.com/. 	
Math	1 Hour
<p>Algebra I Analyzing the number of solutions to linear equations</p> <ul style="list-style-type: none"> Log in to Khan Academy. Watch “Number of solutions to equations” and “Worked example: number of solutions to equations.” <p>Record notes on a piece of paper notebook as you follow along.</p> <ul style="list-style-type: none"> Complete the practice for Number of solutions to equations. <p>Geometry Special right triangles</p> <ul style="list-style-type: none"> Log in to Khan Academy. Watch “Special right triangles intro (part 1),” “Special right triangles intro (part 2)” and “30-60-90 triangle example problem.” Record notes on a piece of paper or notebook as you follow along. Complete the practice for Special right triangles. 	
Science	45 Minutes
<p>Biology Osmosis and tonicity</p> <ul style="list-style-type: none"> Log in to Khan Academy. Watch “Osmosis” and “Hypotonic, isotonic, and hypertonic solutions (tonicity).” Record notes on a piece of paper notebook as you follow along. Complete the “Osmosis and tonicity review” lessons. Complete the practice for Osmosis and tonicity. 	
Social Studies	45 Minutes
<p>World Geography</p> <ul style="list-style-type: none"> Log on to Newsela. On the top navigation bar under “Your Content,” select “Texas Home Learning.” Under Texas Home Learning: Social Studies, click on “World Geography” to find the articles for the week. Read and annotate the article “Reading Maps and Globes.” 	

- Answer the text dependent quiz questions.
- Respond to the following prompt: Pick an important scientific term used in the article. What is the term and its definition? Conclude your response by explaining why this is an important term to understand.

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:

- Were you able to complete all the assigned activities?
- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

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Daily Summer Enrichment Schedule Grade 9, Week 2, Day 2: Tuesday

Language Arts and Reading

1 Hour

English I

Personal Growth

- Reread the article *"Don't Despair if You Ate the Marshmallow Right Away"* / *"Nuevo estudio desacredita resultados de la prueba del malvavisco."*
- Write a paragraph that explains the central idea of the article. Use at least two details from the article to support your response.
- Please note that this article can also be found at five different reading levels under "Texas Home Learning" when signed into <https://newsela.com/>.

Math

1 Hour

Algebra I

Analyzing the number of solutions to linear equations

- Log in to [Khan Academy](#).
- Watch "Creating an equation with no solutions" and "Creating an equation with infinitely many solutions." Record notes on a piece of paper notebook as you follow along.
- Complete the practice for Number of solutions to equations challenges.

Geometry

Special right triangles

- Log in to [Khan Academy](#).
- Watch "Special right triangles proof (part 1)," "Special right triangles proof (part 2)" and "Area of a regular

hexagon.”

- Complete practice for “Special right triangles review.”

Science

45 Minutes

Biology

Photosynthesis

- Log in to [Khan Academy](#).
- Watch “Breaking down photosynthesis stages.” Record notes on a piece of paper notebook as you follow along.
- Complete the “Photosynthesis review” lessons.
- Complete the practice for Photosynthesis.

Social Studies

45 Minutes

World Geography

- Log on to [Newsela](#).
- On the top navigation bar under “Your Content,” select “Texas Home Learning.”
- Under Texas Home Learning: Social Studies, click on “World Geography” to find the articles for the week.
- Reread the article “Reading Maps and Globes.”
- Write one paragraph summarizing the types of maps you learned about from reading this article.
- Respond to the following prompt: How has society benefited from the various types of maps? Using evidence from the article, evaluate why people today should understand how to read a variety of types of maps.

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:

- Were you able to complete all the assigned activities?
- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

The caregiver may also want to work with the student’s teachers to send pictures of student work or information about the student’s learning progress.

Daily Summer Enrichment Schedule Grade 9, Week 2, Day 3: Wednesday

Language Arts and Reading

1 Hour

English I

Personal Growth

- Read and annotate the article “[Texting Can be a Positive and Powerful Force, Experts Say](#)” / “[Enviar](#)

mensajes de texto puede ser poderoso y positivo, según la ciencia."

- Answer the text dependent quiz questions following the passage. As you work, go back into the text and highlight the evidence that supports your answer choices.
- Please note that this article can also be found at five different reading levels under "Texas Home Learning" when signed into <https://newsela.com/>.

Math

1 Hour

Algebra I

Linear equations with unknown coefficients

- Log in to [Khan Academy](#).
- Watch "Linear equations with unknown coefficients." Record notes on a piece of paper notebook as you follow along.
- Complete the practice for Linear equations with unknown coefficients.

Geometry

Right triangles and trigonometry

- Log in to [Khan Academy](#).
- Take Quiz 1.
- Based on quiz score, return to practice to improve performance on Pythagorean theorem, Pythagorean theorem proofs, and Special right triangles.

Science

45 Minutes

Biology

Cellular respiration

- Log in to [Khan Academy](#).
- Watch "Cellular respiration introduction," "Lactic acid fermentation" and "Alcohol or ethanol fermentation." Record notes on a piece of paper notebook as you follow along.
- Complete the "Cellular respiration review" lessons.
- Complete the practice for Cellular respiration.

Social Studies

45 Minutes

World Geography

- Log on to [Newsela](#).
- On the top navigation bar under "Your Content," select "Texas Home Learning."
- Under Texas Home Learning: Social Studies, click on "World Geography" to find the articles for the week.
- Read and annotate the article "Bodies of Water: Oceans."
- Write one paragraph summarizing the article.
- Answer the text dependent quiz questions.

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:

- Were you able to complete all the assigned activities?

- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

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Daily Summer Enrichment Schedule Grade 9, Week 2, Day 4: Thursday

Language Arts and Reading

1 Hour

English I

Personal Growth

- Reread the article *"Texting Can be a Positive and Powerful Force, Experts Say"* / *"Enviar mensajes de texto puede ser poderoso y positivo, según la ciencia."*
- Answer the following prompt: according to the article, in what ways can texting be beneficial in today's society? Choose three of these benefits and use evidence from the source to explain why these improve life for citizens.
- Please note that this article can also be found at five different reading levels under "Texas Home Learning" when signed into <https://newsela.com/>.

Math

1 Hour

Algebra I

Solving equations & inequalities

- Log in to [Khan Academy](#).
- Take Quiz 2
- Based on quiz score, return to practice to improve performance on Analyzing the number of solutions to linear equations and Linear equations with unknown coefficients.

Geometry

Introduction to the trigonometric ratios

- Log in to [Khan Academy](#).
- Watch "Intro to the trigonometric ratios" and "Trigonometric ratios in right triangles."
- Complete practice for Trigonometric ratios in right triangles.

Science

45 Minutes

Biology

Cellular respiration

- Log in to [Khan Academy](#).

- Take Unit test.
- Based on test score, return to practice to improve performance on Energy and transport.

Social Studies

45 Minutes

World Geography

- Log on to [Newsela](#).
- On the top navigation bar under “Your Content,” select “Texas Home Learning.”
- Under Texas Home Learning: Social Studies, click on “World Geography” to find the articles for the week.
- Read and annotate the article “Landforms: Mountains.”
- Respond to the following prompt in 2-3 paragraphs: Imagine you are in charge of taking video and pictures for an upcoming documentary about mountains. What kinds of pictures and video do you need to obtain to match the information and the words that will be shared? Would you recommend any changes or additions to the information included in the article in order to make the documentary more entertaining? Use evidence from the article to support your ideas.

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:

- Were you able to complete all the assigned activities?
- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

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Daily Summer Enrichment Schedule Grade 9, Week 2, Day 5: Friday

Language Arts and Reading

1 Hour

English I

Personal Growth

- Read the article “*More People Are Using Fluoride-Free Toothpaste; Dentists Are Worried*” / “*Dentistas preocupados porque cada vez más personas usan pasta sin fluoruro.*”
- Answer the text dependent questions quiz following the passage. As you work, go back into the text and highlight the evidence that supports your answer choices.
- Please note that this article can also be found at five different reading levels under “Texas Home Learning” when signed into <https://newsela.com/>.

Math

1 Hour

Algebra I

Multi-step inequalities

- Log in to [Khan Academy](#).
- Watch “Inequalities with variables on both sides,” “Inequalities with variables on both sides (with parentheses)” and “Multi-step inequalities.” Record notes on a piece of paper or notebook as you follow along.
- Complete the practice for Multi-step linear inequalities.

Geometry

Introduction to the trigonometric ratios

- Log in to [Khan Academy](#).
- Complete “Hypotenuse, opposite, and adjacent” and “Trigonometric ratios in right triangles.”

Science

45 Minutes

Biology

Reproduction and cell division

- Log in to [Khan Academy](#).
- Return to the Course summary and select “Reproduction and cell division.”
- Under Types of reproduction, watch “Asexual and sexual reproduction.” Record notes on a piece of paper or notebook as you follow along.
- Complete the “Types of reproduction review” lesson.
- Complete practice for Types of reproduction.

Social Studies

45 Minutes

World Geography

- Review the readings from this week.
- Respond to the following prompt in 2-3 paragraphs: What did you learn regarding geography this week that you did not know before? What would you like to learn more about?
- Discuss your responses with a friend or someone in your household.

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:

- Were you able to complete all the assigned activities?
- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

The caregiver may also want to work with the student’s teachers to send pictures of student work or information about the student’s learning progress.

Daily Summer Enrichment Schedule

Grade 9, Week 3, Day 1: Monday

Language Arts and Reading

1 Hour

English I

Argument, Bias, and Persuasion

- Read and annotate the essay *"Can Television Be Considered Literature and Taught in English Classes?"*
- Answer text dependent questions 1-5. As you work, go back into the text and highlight the evidence that supports your answer choices.

Math

1 Hour

Algebra I

Compound inequalities

- Log in to [Khan Academy](#).
- Watch "Compound inequalities: OR," "Compound inequalities: AND" and "A compound inequality with no solution." Record notes on a piece of paper or notebook as you follow along.
- Complete the practice for Compound inequalities.

Geometry

Solving for a side in a right triangle using the trigonometric ratios

- Log in to [Khan Academy](#).
- Watch "Solving for a side in right triangles with trigonometry." Record notes on a piece of paper or notebook as you follow along.
- Complete the "Solving for a side in right triangles with trigonometry" lesson.
- Complete the practice for Solve for a side in right triangles.

Science

45 Minutes

Biology

Chromosome structure and numbers

- Log in to [Khan Academy](#).
- Watch "Chromosomes, chromatids and chromatin." Record notes on a piece of paper or notebook as you follow along.
- Complete the "Chromosomes" and "Chromosome structure and numbers review" lessons.
- Complete practice for Chromosomes.

Social Studies

45 Minutes

World Geography

- Log on to [Newsela](#).
- On the top navigation bar under "Your Content," select "Texas Home Learning."
- Under Texas Home Learning: Social Studies, click on "World Geography" to find the articles for the week.
- Read and annotate "Landforms: Islands."
- Write one paragraph summarizing the passage.
- Answer the text dependent quiz questions.

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:

- Were you able to complete all the assigned activities?
- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

The caregiver may also want to work with the student's teachers to send pictures of student work or information about the student's learning progress.

Daily Summer Enrichment Schedule Grade 9, Week 3, Day 2: Tuesday	
Language Arts and Reading	1 Hour
English I Argument, Bias, and Persuasion <ul style="list-style-type: none"> • Reread the essay <i>"Can Television Be Considered Literature and Taught in English Classes?"</i> • Respond in writing to the discussion questions. Use evidence from the text to support your answer. 	
Math	1 Hour
Algebra I Compound inequalities <ul style="list-style-type: none"> • Log in to Khan Academy. • Watch "Double inequalities," "Compound inequalities" and "Compound inequalities." Record notes on a piece of paper or notebook as you follow along. • Complete "Compound inequalities review" lesson. Geometry Solving for an angle in a right triangle using the trigonometric ratios <ul style="list-style-type: none"> • Log in to Khan Academy. • Complete the "Solving for an angle in a right triangle using the trigonometric ratios" lesson. • Complete the practice for Solve for an angle in right triangles. 	
Science	45 Minutes
Biology The cell cycle and mitosis <ul style="list-style-type: none"> • Log in to Khan Academy. 	

- Watch “Interphase,” “Mitosis” and “Cancer.” Record notes on a piece of paper or notebook as you follow along.
- Complete the “The cell cycle and mitosis review” lesson.
- Complete practice for The cell cycle and mitosis.

Social Studies

45 Minutes

World Geography

- Log on to [Newsela](#).
- On the top navigation bar under “Your Content,” select “Texas Home Learning.”
- Under Texas Home Learning: Social Studies, click on “World Geography” to find the articles for the week.
- Read and annotate “Landforms: Plateaus.”
- Respond to the following prompt in 2-3 paragraphs: Why do you think the author only included one perspective on how plateaus are formed? Should the author always include other perspectives? Use evidence from the article to support your answer.

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:

- Were you able to complete all the assigned activities?
- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

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Daily Summer Enrichment Schedule Grade 9, Week 3, Day 3: Wednesday

Language Arts and Reading

1 Hour

English I

Argument, Bias, and Persuasion

- Read and annotate the essay “*Should we Terraform Mars?*”
- Answer text dependent questions 1-6. As you work, go back into the text and highlight the evidence that supports your answer choices.

Math

1 Hour

Algebra I

Solving equations & inequalities

- Log in to [Khan Academy](#).
- Take Quiz 3.

- Based on quiz score, return to practice to improve performance on Multi-step inequalities and Compound inequalities.

Geometry

Modeling with right triangles

- Log in to [Khan Academy](#).
 - Watch “Right triangle word problem.” Record notes on a piece of paper or notebook as you follow along.
- Record notes on a piece of paper or notebook as you follow along.
- Complete “Angles of elevation and depression” and “Right triangle trigonometry review.”
 - Complete the practice for Right triangle trigonometry word problems.

Science

45 Minutes

Biology

Meiosis

- Log in to [Khan Academy](#).
- Watch “Chromosomal crossover in meiosis I,” “Phases of meiosis I,” “Phases of meiosis II” and “Comparing mitosis and meiosis.” Record notes on a piece of paper or notebook as you follow along.
- Complete the “Meiosis review” lesson.
- Complete practice for Meiosis.

Social Studies

45 Minutes

World Geography

- Log on to [Newsela](#).
- On the top navigation bar under “Your Content,” select “Texas Home Learning.”
- Under Texas Home Learning: Social Studies, click on “World Geography” to find the articles for the week.
- Read and annotate “Deserts, Explained.”
- Write one paragraph summarizing the passage.

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:

- Were you able to complete all the assigned activities?
- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

The caregiver may also want to work with the student’s teachers to send pictures of student work or information about the student’s learning progress.

Daily Summer Enrichment Schedule

Grade 9, Week 3, Day 4: Thursday

Language Arts and Reading

1 Hour

English I

Argument, Bias, and Persuasion

- Reread the essay "*Should we Terraform Mars?*"
- Respond in writing to the discussion questions. Use evidence from the text to support your answer.

Math

1 Hour

Algebra I

Solving equations & inequalities

- Log in to [Khan Academy](#).
- Take Unit test.
- Based on test score, return to practice to improve performance on Solving equations & inequalities.

Geometry

Right triangles & trigonometry

- Log in to [Khan Academy](#).
- Take Quiz 2.
- Based on quiz score, return to practice to improve performance on Intro to the trigonometric ratios, Solving for a side in a right triangle using the trigonometric ratios, solving for an angle in a right triangle using the trigonometric ratios, and Modeling with right triangles.

Science

45 Minutes

Biology

Fertilization and development

- Log in to [Khan Academy](#).
- Watch "Human fertilization and early development" and "Apoptosis." Record notes on a piece of paper or notebook as you follow along.
- Complete the "Fertilization and development review" lesson.
- Complete practice for Fertilization and development.

Social Studies

45 Minutes

World Geography

- Consider the readings from this week.
- Respond to the following prompt in 2-3 paragraphs: Imagine you are an author and you've been tasked with writing a children's book that explains the earth's landforms and bodies of water. Choose 3-5 landforms and/or bodies of water and use your imagination to write a story.

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:

- Were you able to complete all the assigned activities?

- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

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Daily Summer Enrichment Schedule Grade 9, Week 3, Day 5: Friday	
Language Arts and Reading	1 Hour
English I <ul style="list-style-type: none"> • Read the excerpt from the speech "<i>A Time for Choosing</i>." • Answer the text dependent questions following the passage. As you work, go back into the text and highlight the evidence that supports your answer choices. 	
Math	1 Hour
Algebra I Working with units <ul style="list-style-type: none"> • Log in to Khan Academy. • Return to Course Summary and click on "Working with units." • Watch "Rate conversion" and "Same rate with different units." Record notes on a piece of paper or notebook as you follow along. • Complete practice for Rate conversion. Geometry Trigonometric ratios & similarity <ul style="list-style-type: none"> • Log in to Khan Academy. • Watch "Triangle similarity & the trigonometric ratios," "Trig challenge problem: verify identities" and "Trig challenge problem: trig values & side ratios." Record notes on a piece of paper or notebook as you follow along. 	
Science	45 Minutes
Biology Reproduction and cell division <ul style="list-style-type: none"> • Log in to Khan Academy. 	

- Take the Unit test.
- Based on test score, return to practice and improve performance on reproduction and cell division.

Social Studies

45 Minutes

World Geography

- Consider the readings from this week.
- Respond to the following prompt in 2-3 paragraphs: Explain how physical features, such as mountains and rivers, historically have affected human settlement? Reference the texts you have read this week and last, citing 3-4 pieces of specific evidence.
- Discuss your responses with a friend or someone in your household.

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:

- Were you able to complete all the assigned activities?
- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

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Daily Summer Enrichment Schedule Grade 9, Week 4, Day 1: Monday

Language Arts and Reading

1 Hour

English I

Argument, Bias, and Persuasion

- Read and annotate the speech "*Day of Infamy*."
- Answer the text dependent questions. As you work, go back into the text and highlight the evidence that supports your answer choices.

Math

1 Hour

Algebra I

Appropriate units

- Log in to [Khan Academy](https://www.khanacademy.org/).
 - Watch "Appropriate units," "Interpreting units in formulas" and "Interpreting units in formulas: novel units"
- Record notes on a piece of paper or notebook as you follow along.
- Complete the practice Appropriate units and Interpret units in formulas.

Geometry

Sine & cosine of complementary angles

- Log in to [Khan Academy](#).
- Watch “Sine & cosine of complementary angles,” “Using complementary angles” and “Trig word problem: complementary angles.” Record notes on a piece of paper or notebook as you follow along.

Science

45 Minutes

Biology

Classical genetics

- Log in to [Khan Academy](#).
- Return to the Course summary and click on the title “Classic genetics.”
- Under Introduction to heredity, watch “Introduction to heredity,” “Alleles and genes” and “Worked example: Punnett squares.” Record notes on a piece of paper or notebook as you follow along.
- Complete the lesson “Mendel and his peas.”
- Complete the practice for Introduction to heredity.

Social Studies

45 Minutes

World Geography

- Log on to [Newsela](#).
- On the top navigation bar under “Your Content,” select “Texas Home Learning.”
- Under Texas Home Learning: Social Studies, click on “World Geography” to find the articles for the week.
- Read and annotate the article “Weather and Climate: What is Climate?”
- Write one paragraph summarizing the passage.
- Identify three or more new scientific terms and their meaning after reading this article.” to find the articles for the week.
- Read and annotate “A Year Redacted.
- After reading this story, write your thoughts about why humans are so interested in the idea of time travel.

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:

- Were you able to complete all the assigned activities?
- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

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Daily Summer Enrichment Schedule Grade 9, Week 4, Day 2: Tuesday

Language Arts and Reading	1 Hour
English I Argument, Bias, and Persuasion <ul style="list-style-type: none"> Read and annotate the article <i>"PRO/CON Should all High-Schoolers Take Courses in Personal Finance?"</i> / <i>"A FAVOR/EN CONTRA: ¿Deberían los estudiantes de secundaria tomar cursos de finanzas personales?"</i> Answer the text dependent quiz questions. As you work, go back into the text and highlight the evidence that supports your answer choices. Respond to the following prompt: summarize the central idea of both the PRO and the CON perspectives in a few lines. What claims made by the author of the chosen article are not supported by evidence? Give two to three examples from the text to better illustrate your point. Please note that this article can also be found at five different reading levels under "Texas Home Learning" when signed into https://newsela.com/. 	
Math	1 Hour
Algebra I Word problems with multiple units <ul style="list-style-type: none"> Log in to Khan Academy. Watch "Worked example: Rate problem" and "Multiple units word problem: road trip" Record notes on a piece of paper or notebook as you follow along. Complete the practice Rate problems 2. Geometry Law of sines <ul style="list-style-type: none"> Log in to Khan Academy. Watch "Solving for a side with the law of sines," "Solving for an angle with the law of sines" and "Proof of the law of sines." Record notes on a piece of paper or notebook as you follow along. Complete the practice Solve triangles using the law of sines 	
Science	45 Minutes
Biology Introduction to heredity <ul style="list-style-type: none"> Log in to Khan Academy. Complete the lessons "The law of segregation," "The law of independent assortment," "Probabilities in genetics" and "Introduction to heredity review." Complete the practice for Punnett squares and probability. 	
Social Studies	45 Minutes
World Geography <ul style="list-style-type: none"> Log on to Newsela. On the top navigation bar under "Your Content," select "Texas Home Learning." Under Texas Home Learning: Social Studies, click on "World Geography" to find the articles for the week. Reread the article "Weather and Climate: What is weather?" 	

- Write one paragraph summarizing the passage.
- Identify three or more new scientific terms and their meaning after reading this article.

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:

- Were you able to complete all the assigned activities?
- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

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Daily Summer Enrichment Schedule Grade 9, Week 4, Day 3: Wednesday

Language Arts and Reading

1 Hour

English I

Argument, Bias, and Persuasion

- Read and annotate the article "*The Value of Being Confused.*"
- Answer text dependent questions 1-5. As you work, go back into the text and highlight the evidence that supports your answer choices.

Math

1 Hour

Algebra I

Word problems with multiple units

- Log in to [Khan Academy](#).
- Watch "Measurement word problem: running laps" and "Multiple units word problem: drug dosage (advanced)" Record notes on a piece of paper or notebook as you follow along.
- Complete the practice Multiple units word problems.

Geometry

Law of cosines

- Log in to [Khan Academy](#).
- Watch "Solving for a side with the law of cosines," "Solving for an angle with the law of cosines" and "Proof of the law of cosines" Record notes on a piece of paper or notebook as you follow along.
- Complete the practice Solve triangles using the law of cosines.



Science	45 Minutes
Biology Non-Mendelian inheritance <ul style="list-style-type: none"> • Log in to Khan Academy. • Watch “Co-dominance and incomplete dominance.” Record notes on a piece of paper or notebook as you follow along. • Complete the lessons “Multiple alleles, incomplete dominance, and codominance,” “Pleiotropy and lethal alleles,” “Polygenetic inheritance and environmental effects” and “Non-Mendelian inheritance review.” • Complete the practice for Non-Mendelian inheritance. 	
Social Studies	45 Minutes
World Geography <ul style="list-style-type: none"> • Consider the articles you've read so far this week: “Weather and Climate: What is Climate?” (p.) and “Weather and Climate: What is weather?” • Write 2-3 paragraphs identifying the difference between climate and weather. When possible, use the new scientific terms you pulled out in previous lessons in your response. 	
Daily Check-In	
<p>Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:</p> <ul style="list-style-type: none"> • Were you able to complete all the assigned activities? • What did you learn/practice/read today? • What was easy or challenging for you? • Do you have questions for your teacher? <p>The caregiver may also want to work with the student’s teachers to send pictures of student work or information about the student’s learning progress.</p>	

Daily Summer Enrichment Schedule Grade 9, Week 4, Day 4: Thursday	
Language Arts and Reading	1 Hour
English I Argument, Bias, and Persuasion <ul style="list-style-type: none"> • Reread the article “The Value of Being Confused.” • Respond in writing to the discussion questions. Use evidence from the text to support your answers. 	
Math	1 Hour
Algebra I Working with units <ul style="list-style-type: none"> • Log in to Khan Academy. 	

- Take the Unit test.
- Based on test score, return to practice to improve performance on Working with units.

Geometry

Solving general triangles

- Log in to [Khan Academy](#).
- Watch “Trig word problem: stars.” Record notes on a piece of paper or notebook as you follow along.
- Complete the lesson “Laws of sines and cosines review.”
- Complete the practice General triangle word problems.

Science

45 Minutes

Biology

Sex linkage

- Log in to [Khan Academy](#).
- Watch “Sex-linked traits” and “Example Punnett square for sex-linked recessive trait.” Record notes on a piece of paper or notebook as you follow along.
- Complete the lessons “X-linked inheritance,” “X-inactivation” and “Sex linkage review.”
- Complete the practice for Sex linkage.

Social Studies

45 Minutes

World Geography

- Consider the articles you've read so far this week: “Weather and Climate: What is Climate?” (p.) and “Weather and Climate: What is weather?”
- Respond to the following prompt in 2-3 paragraphs: Describe the current weather conditions of the region of the country you live in. What are the pros and cons of the weather in your region?

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:

- Were you able to complete all the assigned activities?
- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

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Daily Summer Enrichment Schedule

Grade 9, Week 4, Day 5: Friday

Language Arts and Reading

1 Hour

English I

Argument, Bias, and Persuasion

- Read and annotate the article “*The Difference Between Empathy and Sympathy*” / “*La diferencia entre empatía y simpatía.*”
- Answer the text dependent quiz questions. As you work, go back into the text and highlight the evidence that supports your answer choices.
- Please note that this article can also be found at five different reading levels under “Texas Home Learning” when signed into <https://newsela.com/>.

Math

1 Hour

Algebra I

Linear equations & graphs

- Log in to [Khan Academy](#).
- Return to the Course summary and click on the title “Linear equations & graphs.”
- Under Two-variable linear equations intro, watch “Two-variable linear equations intro” and “Solutions to 2-variable equations.” Record notes on a piece of paper or notebook as you follow along.
- Complete the practice Solutions to 2-variable equations.

Geometry

Right triangles & trigonometry

- Log in to [Khan Academy](#).
- Take Quiz 3.
- Based on quiz score, return to practice to improve performance on Right triangles & trigonometry.

Science

45 Minutes

Biology

Pedigrees

- Log in to [Khan Academy](#).
- Watch “Pedigrees” and “Pedigrees for determining probability of exhibiting sex-linked recessive trait.” Record notes on a piece of paper or notebook as you follow along.
- Complete the lesson “Pedigrees review.”
- Complete the practice for Pedigrees.

Social Studies

45 Minutes

World Geography

- Consider the readings from this week.
- Respond to the following prompt in 2-3 paragraphs: What did you learn regarding weather and climate this week that you did not know before? What would you like to learn more about?
- Discuss your responses with a friend or someone in your household.

Daily Check-In

Recommended at the end of each day (or at the end of each activity), caregiver checks in with the student to see what the student was able to finish, what was challenging to learn, and what questions remain to ask the teacher. For example, a caregiver might ask:



- Were you able to complete all the assigned activities?
- What did you learn/practice/read today?
- What was easy or challenging for you?
- Do you have questions for your teacher?

The caregiver may also want to work with the student's teachers to send pictures of student work or information about the student's learning progress.