



Hays CISD Home Learning

Ethridge

Algebra 2

Week of: **May 18 - May 22**

Semana: **18 de mayo - 22 de mayo**

Office Hours: **M-F 11:00am-12:00pm on Zoom. Check Google Classroom for the code to join.**
Horas de oficina: **L-V 11:00am-12:00pm en Zoom. Revise al aulo de google para ver el código para unirse.**

Announcements and Important Links: **Assignments for the week are due Friday, 5/22 at 11:59pm. An email will be sent to parents every Saturday and the weekly assignment will be uploaded to Google Classroom.**

Anuncios y enlaces importantes: **Las tareas para la semana se deben entregar el viernes a las 11:59. Se enviará un correo electrónico a los padres todos los sábados.**

Algebra 2

Week of: 5/18- Week of Reflection			
Day/ Día	Objectives/ Objetivos	Activities/ Actividades	Other Resources/ Otros Recursos
Monday/(5 /18) lunes	What unit did you struggle with the most this year?	<ul style="list-style-type: none">Take a few minutes and think about this school year, specifically this class.Answer the following questions.	Post a picture or meme here that expresses how you feel about this year.
Tuesday/(5 /19) martes	Distance Learning: How did you struggle?	You don't have to provide details, but think about how you struggled in each of these areas and how you overcame each one of those struggles.	Place your answers here.



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		<ul style="list-style-type: none">• Physically (health and exercise)• Emotionally (feelings)• Socially (friends and family)• Spiritually (religion)	
Wednesday (5/20) Miercoles	Distance Learning: What did you learn?	<ul style="list-style-type: none">• What is something you were forced to learn how to do in order to do distance learning?• What is something you learned that you think will help you next year?	Place your answers here.
Thursday/(5/21) jueves	What's next?	<ul style="list-style-type: none">• How do you think Algebra 2 might help you in the future?• Did you learn anything this year that you think you'll need next year?	Place your answers here
Friday/(5/22) viernes	End of year reflection.	<ul style="list-style-type: none">• I have sincerely enjoyed getting to know every one of you crazy and lovable kids.• I'm sorry that I can't say goodbye in person, but hope you will stop by and say hello next year.• I would love your feedback on what you enjoyed most this year or what you wish we had done more of.• Anything else you would like me to know?	Have a wonderful summer!! Place your answers here


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Week of: May 11 - May 15			
Day/ Día	Objectives/ Objetivos	Activities/ Actividades	Other Resources/ Otros Recursos
Monday/ lunes	2A.1A We will apply mathematics to problems arising in everyday life, society, and the workplace	Factoring Flower Worksheet	This week we have fun activities/scavenger hunts that are math related to give your brain a break after the test last week!! No warm ups, no notes! Copy of weekly assignment .
Tuesday/ martes	2A.1C We will use select tools, including real objects, manipulatives, paper and pencil, and technology as appropriate to solve problems	Horse Power Activity	
Wednesday/ miercoles	2A.1D We will communicate mathematical ideas, reasoning, and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate.	Desmos Interactive Activity: Go to student.desmos.com and use the code UYFZT7 to access the activity involving basketballs and parabolas.	
Thursday/ jueves	2A.1E We will create and use representations to organize, record, and communicate mathematical ideas.	Choose ONE of the four internet scavenger hunts to complete (or more if you wish, cause they are kinda fun!): Project A Project B Project C	

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		Project D	
Friday/ viernes	2A.1G We will display, explain, and justify mathematical ideas and arguments using precise mathematical language in written or oral communication	Are You Smarter Than a Fifth Grader?? Try this vocabulary Quizlet to see!!	

Week of: May 4 - May 8			
Day/ Día	Objectives/ Objetivos	Activities/ Actividades	Other Resources/ Otros Recursos
Monday/ lunes	2A.2A We will graph and analyze exponential and logarithmic functions	Review activities: <ul style="list-style-type: none"> ❖ Desmos activity ❖ Attributes of exponentials worksheet ❖ Google form: solving exponential equations practice Copy of weekly assignment .	This week is all OPTIONAL review activities. The only required thing is the test at the end of the week. Students must complete the google form (test) and submit a copy of their work on the Friday slide no later than Friday.
Tuesday/ martes	2A.5D We will solve exponential and log equations with real solutions	Review activity: <ul style="list-style-type: none"> ❖ Card matching game 	
Wednesday/ miercoles	2A.5B We will formulate exponential and logarithmic equations that model real-world situations.	Review activities: Quizlets: <ul style="list-style-type: none"> ❖ Quizlet: Solving Exponential Equations with Different Bases ❖ Compound Interest Quizlet ❖ Exponential Growth Quizlet 	
Thursday/ jueves	2A.5E We will determine the reasonableness of a solution to a logarithmic equation	Review activities: <ul style="list-style-type: none"> ❖ Jeopardy Game ❖ Review Worksheet <ul style="list-style-type: none"> ➢ Review Sheet Answers 	
Friday/ viernes	Test	Google Form: Unit 9/10 Test	Students only get ONE opportunity to take this test. A copy of their work should be submitted with their assignment this week.

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Week of: April 27 - May 1			
Day/ Día	Objectives/ Objetivos	Activities/ Actividades	Other Resources/ Otros Recursos
Monday/ lunes	2A.5B We will formulate exponential equations that model real-world	Warm Up Google Form to be completed: practice formulating. Copy of weekly assignment .	
Tuesday/ martes	2A.5D We will solve logarithmic equations having real solutions	Warm Up Instructional Videos Tuesday Worksheet Follow Along with Notes Complete #1-12	
Wednesday/ miercoles	2A.5E We will determine the reasonableness of a solution to a logarithmic equation	Warm Up Instructional Video Wednesday Worksheet Complete ALL problems	
Thursday/ jueves	2A.5B We will formulate logarithmic equations that model real-world situations	Warm Up Instructional Video Thursday Worksheet All problems: only write the equations, don't solve	
Friday/ viernes	2A.5B We will formulate logarithmic equations that model real-world situations	Warm Up: go outside Instructional Video Same Worksheet as Thursday, SOLVE all of the equations from yesterday	

Week of: April 20 - April 24			
Day/	Objectives/	Activities/	Other Resources/



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Día	Objetivos	Actividades	Otros Recursos
Monday/ lunes	2A.5D We will solve exponential equations of the form $y = ab^x$ having real solutions.	Warm Up Instructional Videos Monday Worksheet Practice #9 and #19 Complete #1-20, evens only Copy of weekly assignment .	Students will need a log based calculator for this assignment. See box below.
Tuesday/ martes	2A.5B We will formulate exponential equations that model real-world situations	Warm Up Instructional Videos Tuesday Worksheet Follow Along with Notes Complete #1-19	Desmos Graphing Calculator Or download a TI-84 Graphing Calculator (use one of the first two links for macintosh or windows)
Wednesday/ miercoles	2A.5B We will formulate exponential equations that model real-world situations	Warm Up Alternate Teacher Videos Same Worksheet as Tuesday Complete #21-27	
Thursday/ jueves	2A.5B We will formulate exponential equations that model real-world situations	Warm Up Alternate Teacher Videos Thursday Worksheet Complete #1-4 on the first page (the boxes)	
Friday/ viernes	2A.5B We will formulate exponential equations that model real-world situations	Warm Up: go outside Video: going over assignment Same Worksheet as Thursday, pgs 2-3 Option 1: Write equations only for #1-10 Option 2: Write equations AND SOLVE the odd problems	

Week of: April 13 - April 17

Day/	Objectives/	Activities/	Other Resources/
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Día	Objetivos	Actividades	Otros Recursos
Monday/ lunes	NO SCHOOL: Easter Monday	NO SCHOOL: Easter Monday	NO SCHOOL: Easter Monday
Tuesday/ martes	2A.2A We will graph the functions $f(x) = \log_b(x)$ and analyze the key attributes such as domain, range, intercepts, and asymptotic behavior. 2A.5A We will determine the effects on the key attributes on the graphs of $f(x) = \log_b(x)$ when replaced by $a f(x-c)+d$	Warm Up Tuesday Worksheet Complete all odd problems Copy of weekly assignment	Desmos Graphing Calculator Or download a TI-84 Graphing Calculator (use one of the first two links for macintosh or windows)
Wednesday/ miercoles	2A.5D We will solve exponential equations of the form $y = ab^x$ having real solutions.	Warm Up Instructional Video Notes Page Practice Problems #3 and #4 on the back. Check to see if answer is correct. Wednesday Worksheet Complete #1-8	
Thursday/ jueves	2A.5D We will solve exponential equations of the form $y = ab^x$ having real solutions.	Warm Up Instructional Videos Same worksheet as Wednesday Practice Problems (on-level #11 and #12) (pap #11 and #13) Assignment: same worksheet as Wednesday On-level: #15-18 Pap: #14-18	
Friday/ viernes	2A.5D We will solve exponential equations of the form $y = ab^x$ having real solutions.	Warm Up Follow along instructional video with #7 and #9 Assignment: Complete google form (Solving	

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		Exponential Equations) and upload work.	
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Week of: April 6 - April 10			
Day/ Día	Objectives/ Objetivos	Activities/ Actividades	Other Resources/ Otros Recursos
Monday/ lunes	2A.2A We will graph the functions $f(x) = b^x$ where $b=2,10$, and e , and analyze the key attributes such as domain, range, intercepts, and asymptotic behavior. 2A.5A We will determine the effects on the key attributes on the graphs of $f(x) = b^x$ and when replaced by $af(x-c)+d$	Warm Up Instructional Video Practice Problems Assignment: Attributes of exponentials worksheet: complete all odd problems	Desmos Graphing Calculator Or download a TI-84 Graphing Calculator (use one of the first two links for macintosh or windows)
Tuesday/ martes	2A.2A We will graph the functions $f(x) = \log_b(x)$ where $b=2,10$, and e , and analyze the key attributes such as domain, range, intercepts, and asymptotic behavior. 2A.5A We will determine the effects on the key attributes on the graphs of $f(x) = \log_b(x)$ when replaced by $af(x-c)+d$	Warm Up Instructional Video Practice Problems Assignment: Attributes of logarithmic functions worksheet, complete all odd problems	
Wednesday/ miercoles	2A.5C We will rewrite exponential equations as their corresponding logarithmic equations and logarithmic equations as their corresponding exponential equations	Warm Up Instructional Video Practice Problems Assignment: Converting Practice worksheet, #1-24	
Thursday/ jueves	2A.2C We will describe and analyze the relationship between a function and its inverse.	Warm Up Instructional Video Practice Problems Assignment: Inverses Practice	



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		Worksheet #1-8	
Friday/ viernes	NO SCHOOL: Good Friday	NO SCHOOL: Good Friday	NO SCHOOL: Good Friday