

M204 Exponential and Logarithmic Functions and Equations Badge

Portfolio: A Showcase of Your Learning

Section 1: Required Tasks

Show off what you did! Submit work (or another agreed upon way of showing your thinking) for each of the tasks listed below.

	I Can Statements	Required Tasks	Student Reflection: What new learning does the task showcase?
204.b	Graph exponential and logarithmic functions.	<ul style="list-style-type: none">IM Algebra II: Unit 4 Lesson 3 Activity 1: Florida in the 1800's	
204.c	Interpret logarithmic and exponential functions that arise in applications in terms of the context.	<ul style="list-style-type: none">IM Algebra II: Unit 4 Lesson 5 Activity 2: Fever Medicine	
204.d	Use logarithms to analyze exponential models.	<ul style="list-style-type: none">IM Algebra II: Unit 4 Modeling Prompt 5: Exponential Situations	

Section 2: Choose Your Favorites

Show off your favorite work! For each expectation, SELECT at least one task from each group to demonstrate what you are learning. Which work do you feel best showcases all of the math you have learned?

	I Can Statements	Select at least one from each set	Student Reflection: What new learning does the task showcase?
204.a	Understand the relationship between exponential and logarithmic functions.	<ul style="list-style-type: none"> IM Algebra II: Unit 4 Lesson 10 Activity 2: Exponential and Logarithmic Forms IM Algebra II: Unit 4 Lesson 10 Cool-down: Writing in Different Forms 	
204.b	Graph exponential and logarithmic functions.	(Optional if additional evidence is needed) <ul style="list-style-type: none"> IM Algebra II: Unit 3 Lesson 17 Activity 2: Another Logarithmic Function 	
204.c	Interpret logarithmic and exponential functions that arise in applications in terms of the context.	(Optional if additional evidence is needed) <ul style="list-style-type: none"> IM Algebra II: Unit 4 Lesson 17 Cool-down: Which Graph Represents Which Function? 	
204.d	Use logarithms to analyze exponential models.	(Optional if additional evidence is needed) <ul style="list-style-type: none"> IM Algebra II: Unit 4 Lesson 2 Activity 2: Two Vans and Their Values IM Algebra II: Unit 4 Lesson 3 Activity 2: Disappearing Medicine IM Algebra II: Unit 4 Lesson 15 Activity 1: Retire A Millionaire? 	