

Mathematics Transfer Goals:

I will become a productive citizen, a consumer of information, and will make sound decisions for success in life.

- Think purposefully using mathematical reasoning to analyze and model new problem situations.
- Make sense of and be tenacious in solving real world problems, seeking out and using appropriate tools and resources.
- Communicate mathematical ideas clearly, constructing viable arguments and using precise mathematical language
- Collaborate confidently and respectfully toward a common goal, advocating for all team members to have a voice.

Unit 2: All About Alice	Understandings	Focus Questions	Summative Assessment	Tasks (Specific problems mapped to understandings and what to highlight/modify)	Classroom (Formative) Assessments	Time	Reflection
	1. SWUT patterns can be used to make sense of the world around us.	1. How are the values in an input/output table related? 2. How can you use patterns to generate a mathematical model?	A: M: T:				
	2. SWUT the same exponential relationship can be represented using tables, graphs, equations, and verbal descriptions.	1. How can the multiple representations of exponential relationships be used to solve problems?	A: M: T:				
	3. SWUT exponential relationships have defining characteristics that can be used to make sense of and solve problems.	1. What are the defining characteristics of exponential growth and decay? 2. How do I use an exponential model to analyze a real world problem? 3. How do I solve exponential equations? 4. How can exponential expressions be written in equivalent forms?	A: M: T:				