

# Unit 1 Plan, Math 109, Spring 2024

Mon	Wed	Fri
Jan 8, 2024	Jan 10, 2024	Jan 12, 2024
		Intro to Course (Syllabus) Math for Human Flourishing (Su) Growth Mindset (Boaler)  Turn in at end of class: • Reflection on videos and class conversation.
Jan 15, 2024	Jan 17, 2024	Jan 19, 2024
MLK: No classes 1-6pm  Due today: • Mathematical Autobiography	“From Fish to Infinity” & “Rock Groups” (Numbers and their Quirks) Activity #1 Preview  Due today: • Read <i>Joy</i> , Ch 1-2, Answer RQ	Activity #1: Patterns in Numbers  Due today: • Read Dweck article, Answer RQ  Due tonight: • Reflection 1
Jan 22, 2024	Jan 24, 2024	Jan 26, 2024
Activity #1 Wrap-up Discuss Weekly Report #1 Activity #2 Preview  Due today: • Read <i>Joy</i> , Ch 3, Answer RQ	“The Enemy of My Enemy” (Negative Numbers) Activity #2: Unbalanced Triangles  Optional: • Read Mumford’s article on negative numbers (cross-cultural)	“Commuting” Arithmetic of Percentages  Due today: • Read <i>Joy</i> , Ch 4, and Diaz, Section 1.1; Answer RQ  Due tonight: • Reflection 2
Jan 29, 2024	Jan 31, 2024	Feb 2, 2024
Percentages in Daily Life Practice with Percentages  Due today: • Report 1 (Activity #1 or 2) • Prep Story Problems (Percents)	“Division and Its Discontents” & “Location, Location, Location” (Division, Decimals, and Place Value)  Due today: • Read <i>Joy</i> , Ch 5-6, Answer RQ • Project 1 Preferences Survey	<b>Quiz 1: Percentages</b> Discuss Project 1  Due today: • Study for quiz  Due tonight: • Reflection 3