

NASD Independent Living Math Pacing Guide

Core Concept and Classroom Objective	Alternate Eligible Content	Estimated Time	# of Days
Numeration			9 days
Understand decimal place values	CC.2.1.HSF2a Convert between fractions and decimals in a real-world problem	2 days	
Select numbers within the context of daily living	CC.2.1.HSF2a Convert between fractions and decimals in a real-world problem	7 days	
Operations			34 days
Use fractions, decimals, or percents within the context of daily living activities	CC.2.1.HSF2a Convert between fractions and decimals in a real-world problem	8 days	
Use a calculator to compute operations related to daily living skills	CC.2.1.HSF4a Determine the necessary units and solve a real-world problem	3 days	
Assemble an object by following a pattern or a set of directions	CC.2.2.HSD9a Order a given sequence of steps to solve an equation	8 days	
Make predictions about daily events and observe and discuss outcomes	CC.2.2.HSC5a Interpret the effect of a change in one variable on the other variable using graphs or tables	9 days	
Use a Graph	CC.2.2.HSC5b Interpret a graphical representation of a linear model in a real-world problem	3 days	
Ask Survey questions and record responses	CC.2.2.HSC5b Interpret a graphical representation of a linear model in a real-world problem	3 days	
Measurement and Geometry			27 days
Measure accurately during daily living and vocational activities	CC.2.1.HS.F.5: Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.	8 days	
Select appropriate measuring tools for use in daily living and vocational settings	CC.2.1.HS.F.5: Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.	3 days	
Measure length using a ruler, a yard stick, and a tape measure	CC.2.1.HS.F.5: Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.	3 days	
Identify and/or name one or more designated areas in the environment for a purpose (E.g., location, distance)	CC.2.1.HS.F.5: Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.	5 days	
Measure ingredients using measuring cups and spoons to follow a recipe	CC.2.1.HS.F.5: Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.	8 days	
Money			54 days
Know the values of coins and bills	CC.2.1.HSF4a Determine the necessary units and solve a real-world problem	8 days	
Count coin and bill combinations	CC.2.1.HSF4a Determine the necessary units and solve a real-world problem	9 days	
Read prices	CC.2.1.HSF4a Determine the necessary units and solve a real-world problem	7 days	
Make a purchase using coins and bills	CC.2.1.HSF4a Determine the necessary units and solve a real-world problem	9 days	
Count change after making a purchase	CC.2.2.HSD1a Select an algebraic expression using any of the four operations and solve a real-world problem	6 days	

Manage checking and savings accounts	CC.2.2.HSD1a Select an algebraic expression using any of the four operations and solve a real-world problem	3 days	
Write a check to pay for a purchase	CC.2.2.HSD1a Select an algebraic expression using any of the four operations and solve a real-world problem	3 days	
Understand the basics of having a credit or debit card	CC.2.2.HSD1a Select an algebraic expression using any of the four operations and solve a real-world problem	3 days	
Budget finances for independent living	CC.2.2.HSD1a Select an algebraic expression using any of the four operations and solve a real-world problem	3 days	
Make change for customers	CC.2.2.HSD1a Select an algebraic expression using any of the four operations and solve a real-world problem	3 days	
Time			40 days
Tell exact time using a digital clock	CC.2.1.HSF4a Determine the necessary units and solve a real-world problem	2 days	
Tell exact time using an analog clock	CC.2.4.HSB7a Identify the probability of events based on real-world examples of conditional probability	10 days	
Use a calendar or a daily planner to record appointments	CC.2.4.HSB7a Identify the probability of events based on real-world examples of conditional probability	8 days	
Understand the concept of time between classes	CC.2.4.HSB7a Identify the probability of events based on real-world examples of conditional probability	3 days	
Follow a class schedule	CC.2.4.HSB7a Identify the probability of events based on real-world examples of conditional probability	3 days	
Follow a bus schedule	CC.2.4.HSB7a Identify the probability of events based on real-world examples of conditional probability	3 days	
Manage time appropriately in order to function responsibly and independently in daily living, community, and vocational settings	CC.2.1.HSF4a Determine the necessary units and solve a real-world problem	11 days	
Calendar			16 days
Write the date within the course of daily life	CC.2.1.HSF4a Determine the necessary units and solve a real-world problem	2 days	
Record identified and scheduled appointments, activities, and events in a daily planner	CC.2.1.HSF4a Determine the necessary units and solve a real-world problem	5 days	
Dependently schedule and record appointments, activities, and events in a daily planner	CC.2.1.HSF4a Determine the necessary units and solve a real-world problem	9 days	