

NGPM Lesson Overview Chart: Subitizing, Weeks 1-3

Week 1: Simple Subitizing

Children are introduced to the skill of subitizing, or identifying how many of something there are without counting. Hands-on, digital, and outdoor activities focus primarily on subitizing 1-5 dots.

	Lesson 1 Children identify, without counting, the number of dots on paper plates and in the digital Jungle Gym game.	Lesson 2 Children identify, without counting, the number of dots on a Speedy Die, read subitizing books, and play the digital City Skate game.	Lesson 3 Children compare different arrangements of 3 and 4 dots, match collections of the same size in Skateboard Bingo, and play Roll and Hop outdoors.
Circle Time	Hands-on exploration: Dot Plates	Hands-on exploration: Dot Plates; Speedy Dice	Hands-on exploration: Dot Plates; Speedy Dice
Learning Centers	Digital Learning: Jungle Gym Hands-on exploration: Jungle Gym Board Game Book Corner: Subitizing Books	Digital Learning: City Skate; Jungle Gym Hands-on exploration: Skate- board Bingo; Jungle Gym Board Game Book Corner: Subitizing Books	Digital Learning: City Skate; Jungle Gym Hands-on exploration: Skateboard Bingo; Jungle Gym Board Game Book Corner: Subitizing Books
Snacks	Snack-time activity: Bugs on a Rock	Snack-time activity: Bugs on a Rock	
Outdoors			Outdoor activity: Roll and Hop





This material is based upon work supported by the National Science Foundation under Grant Number DRL-1119118. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.



Week 2: Subitizing Varied Objects

Children advance to subitizing collections of 1-5 varied objects, including food items, people, and more. They further explore how the arrangement of a collection of objects does not affect how many objects it contains.

	Lesson 4 Children compare differ- ent arrangements of 4 and 5 dots, read Let's Count and other books, and play the digital Birthday Café game.	Lesson 5 Children identify, with- out counting, one to five pictures on paper plates and seat hungry diners at tables in Café Lotto Match.	Lesson 6 Children pounce on matching dot cards, make snack arrangements show- ing different numbers, and play the digital Treasure Bubbles game.	Lesson 7 Children compare differ- ent arrangements of 3 and 4 pictures, sort cards in Treasure Bubble Match, and line up dominoes.
Circle Time	Hands-on exploration: Dot Plates Book: Let's Count	Hands-on exploration: Picture Plates Book: Let's Count	Hands-on exploration: Picture Plates; Pounce!	Hands-on exploration: Picture Plates; Pounce!
Learning Centers	Digital Learning: Birthday Café; City Skate; Jungle Gym	Digital Learning: Birthday Café; City Skate; Jungle Gym	Digital Learning: Treasure Bubbles; Birthday Café; City Skate; Jungle Gym	Digital Learning: Treasure Bubbles; Birthday Café; City Skate; Jungle Gym
	Hands-on exploration: Café Lotto Match; Skate- board Bingo; Jungle Gym Board Game Book Corner: Subitizing Books	Hands-on exploration: Café Lotto Match; Skate- board Bingo Book Corner: Subitizing Books	Hands-on exploration: Treasure Bubble Match; Café Lotto Match Book Corner: Subitizing Books	Hands-on exploration: Dominoes; Treasure Bub- ble Match Book Corner: Subitizing Books
Snacks			Snack-time activity: Bugs on a Rock	Snack-time activity : Bugs on a Rock
Outdoors	Outdoor activity: Roll and Hop	Outdoor activity: Roll and Hop		





This material is based upon work supported by the National Science Foundation under Grant Number DRL-1119118. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.



Week 3: Subitizing Even More Objects

Children continue to subitize a wider range of 1-5 objects in different arrangements through hands-on, digital, and outdoor activities.

	Lesson 8 Children compare different ar- rangements of 4 and 5 pictures, play Pounce! with Pictures, and try a new outdoor game, Square Hop.	Lesson 9 Children identify, without counting, the number of different pictures on paper plates, read What Comes in 2's, 3's, & 4's?, and revisit the digital games.	Lesson 10 Children grab pretend cookies in No More Cookies!, read subitiz- ing books, and revisit familiar hands-on and digital activities.
Circle Time	Hands-on exploration: Picture Plates; Pounce! with Pictures	Hands-on exploration: Picture Plates Plus One Book: What Comes in 2's, 3's, & 4's?	Hands-on exploration: Picture Plates Plus One Book: What Comes in 2's, 3's, & 4's?
Learning Centers	Digital Learning: Treasure Bub- bles; Birthday Café; City Skate; Jungle Gym	Digital Learning: Treasure Bub- bles; Birthday Café; City Skate; Jungle Gym	Digital Learning: Treasure Bub- bles; Birthday Café; City Skate; Jungle Gym
	Hands-on exploration: Domi- noes; Treasure Bubble Match Book Corner: Subitizing Books	Hands-on exploration: Domi- noes; No More Cookies! Book Corner: Subitizing Books	Hands-on exploration: Domi- noes; No More Cookies! Book Corner: Subitizing Books
Outdoors	Outdoor activity: Square Hop	Outdoor activity: Square Hop	Outdoor activity: Square Hop





This material is based upon work supported by the National Science Foundation under Grant Number DRL-1119118. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.