

July: Sums in the sun

Build summer skills without missing out on outdoor fun, one daily math win at a time!



ACTIVITY TYPES

- Creative
- Explore
- Active
- Thinking
- Quest

SUN	MON	TUE	WED	THU	FRI	SAT
			1 Rock weight sorting EXPLORE	2 Shadow shape jumper ACTIVE	3 Battle arena setup QUEST	4 Star-spangled count ACTIVE
5 Stick fort geometry CREATIVE	6 Nature's addition THINKING	7 Bird-call detective EXPLORE	8 Wizard dash ACTIVE	9 Flower petal counting CREATIVE	10 Rival wizard hunt QUEST	11 Cloud race EXPLORE
12 Pinecone bowling THINKING	13 Obstacle counting ACTIVE	14 Sandcastle shapes CREATIVE	15 Pebble sorting EXPLORE	16 Magical number hunt THINKING	17 Treasure vault quest QUEST	18 Freeze dance math ACTIVE
19 Magic carpet picnic CREATIVE	20 Subtraction leaf drop THINKING	21 Ant trail measure EXPLORE	22 Skipping stone tallies ACTIVE	23 Mud pie fractions CREATIVE	24 Design your own pet QUEST	25 Tree age hug EXPLORE
26 Backyard giants THINKING	27 Balloon toss math ACTIVE	28 Sun catcher geometry CREATIVE	29 Wind direction compass EXPLORE	30 Acorn grouping THINKING	31 Map a new realm QUEST	



Wrap up with 20 minutes of Prodigy.

After a day of fresh-air fun, Prodigy keeps the math adventure going with game-based practice they'll love.

SCAN TO PLAY
play.prodigygame.com



Week 5 · Jun 29 – Jul 5



MONDAY
JUN 29

Jumping bean math

- 1 Have a parent call out a number between 10 and 20.
- 2 Do exactly that many jumping jacks in the yard.



TUESDAY
JUN 30

Leaf crown patterns

- 1 Collect different types of leaves outside.
- 2 Tape them to a paper strip in an AB pattern to make a crown.



WEDNESDAY
JUL 1

Rock weight sorting

- 1 Collect 5 different sized rocks from outside.
- 2 Line them up from lightest to heaviest.



THURSDAY
JUL 2

Shadow shape jumper

- 1 Find a sunny spot outside and look at your shadow on the ground.
- 2 Jump 10 times trying to make your shadow look like different shapes (a star, a ball, a tree).



FRIDAY
JUL 3

Battle arena setup

- 1 Mark a circle in chalk or with rocks to be your battle arena outside.
- 2 Set up 3 toy players and act out a battle.



SATURDAY
JUL 4

Star-spangled count

- 1 Look around outside for 5 minutes.
- 2 Count 20 red, white, and blue items and tally them in groups of 5.



SUNDAY
JUL 5

Stick fort geometry

- 1 Gather sticks outside to build a mini fort for an action figure.
- 2 Count how many triangles and squares you made with the sticks.

TRACK THE WEEK

Check off each day you play.



MON



TUE



WED



THU



FRI



SAT



SUN



THEN CONTINUE YOUR QUEST

Make screen time count in Prodigy.

20

MIN / DAY

SCAN TO PLAY
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Week 6 · Jul 6 – Jul 12



MONDAY
JUL 6

Nature's addition

- 1 Place 2 buckets outside. Fill one with 4 pinecones and one with 3 rocks.
- 2 Pour them together, count the total, and shout the addition sentence aloud!



TUESDAY
JUL 7

Bird-call detective

- 1 Sit outside and listen for birds. When you hear one, try to spot it.
- 2 Tally how many birds you SAW vs. how many you only HEARD. Compare the two numbers.



WEDNESDAY
JUL 8

Wizard dash

- 1 Set up two markers 20 feet/meters apart in the yard.
- 2 Dash between them while counting by 2s up to 20.



THURSDAY
JUL 9

Flower petal counting

- 1 Find a fallen flower or a dandelion outside.
- 2 Carefully pluck and count the petals up to 20.



FRIDAY
JUL 10

Rival wizard hunt

- 1 Have someone hide 5 'wizard' rocks (with chalk faces) around the yard outside.
- 2 Find them all and tell a parent each wizard's name.



SATURDAY
JUL 11

Cloud race

- 1 Lie on the grass and pick 2 clouds heading the same direction.
- 2 Pick a finish line (a tree, a roof) and guess which cloud crosses it first. Count how many seconds for the winner!



SUNDAY
JUL 12

Pinecone bowling

- 1 Set up 10 pinecones or rocks like bowling pins outside.
- 2 Roll a ball to knock them down and write the subtraction sentence.

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MON



TUE



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Week 7 · Jul 13 – Jul 19



 **MONDAY**
JUL 13

Obstacle counting

- 1 Set up 5 items to jump over in the yard.
- 2 Count your jumps aloud as you run the course 4 times.

 **TUESDAY**
JUL 14

Sandcastle shapes

- 1 Use a sandbox, sand pile, or patch of damp earth outside to build a wizard's mini castle.
- 2 Challenge yourself to include 1 cylinder tower, 1 cube room, and 1 cone roof.

 **WEDNESDAY**
JUL 15

Pebble sorting

- 1 Find a handful of small pebbles outside.
- 2 Sort them into groups of smooth and rough.

 **THURSDAY**
JUL 16

Magical number hunt

- 1 Have a parent hide leaves with numbers 1–20 written on them outside.
- 2 Find them all and put them in the correct order.

 **FRIDAY**
JUL 17

Treasure vault quest

- 1 Hide 10 'gold coins' (small rocks or buttons) outside.
- 2 Find them all and count your total gold.

 **SATURDAY**
JUL 18

Freeze dance math

- 1 Play music outside and dance.
- 2 When the music stops, hold your pose for 10 seconds while counting aloud.

 **SUNDAY**
JUL 19

Magic carpet picnic

- 1 Take a blanket outside for a snack.
- 2 Cut your sandwich or fruit into triangles before eating.

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Week 8 · Jul 20 – Jul 26



MONDAY
JUL 20

Subtraction leaf drop

- 1 Hold 10 leaves above your head outside — you're a tree in a wizard's storm!
- 2 Drop a handful and yell 'STORM!' Count how many leaves fell and how many are left.



TUESDAY
JUL 21

Ant trail measure

- 1 Become an ant scout: find a line of ants outside and follow it to one end.
- 2 Lay a piece of string along their trail and measure it.



WEDNESDAY
JUL 22

Skipping stone tallies

- 1 Toss stones into a puddle or open grass.
- 2 Keep a tally of how many tosses hit a specific target.



THURSDAY
JUL 23

Mud pie fractions

- 1 Make a mud pie or pile of damp sand outside — you're a wizard chef!
- 2 Use a stick to slice it into halves, then quarters. Top each quarter with a different leaf.



FRIDAY
JUL 24

Design your own pet

- 1 Find a stick or rock outside that could be the body of a new Prodigy pet.
- 2 Decorate it with chalk and give your pet a name and 2 special powers.



SATURDAY
JUL 25

Tree age hug

- 1 Find the biggest tree in your yard or neighborhood.
- 2 Hug it and count how many arm-spans wide it is. Each arm-span means roughly 100 years of growth for the tree!



SUNDAY
JUL 26

Backyard giants

- 1 Walk your yard and find the 5 BIGGEST things you can spot (a tree, the shed, etc.).
- 2 Line them up in your head from biggest to smallest and tell a parent your top 5 ranking.

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Week 9 · Jul 27 – Aug 2



 **MONDAY**
JUL 27

Balloon toss math

- 1 Toss a balloon or ball up in the air outside.
- 2 Count how many times you can clap before catching it.

 **TUESDAY**
JUL 28

Sun catcher geometry

- 1 Collect translucent leaves or flower petals outside.
- 2 Arrange them in a circle on contact paper and hang in the sun.

 **WEDNESDAY**
JUL 29

Wind direction compass

- 1 Be a wizard sailor! Hold a long piece of grass or a ribbon up outside.
- 2 Watch which way it blows, then run that direction for 10 big steps and shout 'LAND HO!'

 **THURSDAY**
JUL 30

Acorn grouping

- 1 Gather 15 acorns or seeds outside.
- 2 Divide them evenly into 3 piles.

 **FRIDAY**
JUL 31

Map a new realm

- 1 Find a flat patch of sidewalk or driveway outside.
- 2 Chalk a map of a brand-new Prodigy realm with at least 3 landmarks and name each.

 **SATURDAY**
AUG 1

Leap frog measurement

- 1 Do 3 massive frog leaps across the grass.
- 2 Mark your start and end points and measure with your feet.

 **SUNDAY**
AUG 2

Nature mandala

- 1 Collect outdoor items of different colors.
- 2 Arrange them in a circular symmetrical pattern on the ground.

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