

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

Backyard olympics

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

SKILL
Tallying, time and addition.

LEVEL UP
Track scores on paper.



TUESDAY
JUN 30

Reflect & sticker

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

SKILL
Reflection.

LEVEL UP
Plan tomorrow's activity yourself.



WEDNESDAY
JUL 1

Sprinkler math

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

SKILL
Counting and skip-counting.

LEVEL UP
Try counting backward from 20.



THURSDAY
JUL 2

Chalk number line

- 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).

SKILL
Number line fluency.

LEVEL UP
Skip count by 5s.



FRIDAY
JUL 3

Quest day

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

SKILL
Reinforces the week.

LEVEL UP
Complete two quests.



SATURDAY
JUL 4

Independence count

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

SKILL
Grouping and tens.

LEVEL UP
Try counting by 10s to 100.



SUNDAY
JUL 5

Park races

- 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.

SKILL
Tally and total.

LEVEL UP
Track on paper.

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

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Week 6 · Jul 6 – Jul 12



MONDAY
JUL 6

Beach or yard hunt

- 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!

SKILL
Sorting and counting.
LEVEL UP
Sort by two rules at once.



TUESDAY
JUL 7

Build a paper boat

- 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.

SKILL
Time and counting.
LEVEL UP
Race two boats.



WEDNESDAY
JUL 8

Number riddles

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

SKILL
Number reasoning.
LEVEL UP
Can you make a riddle?



THURSDAY
JUL 9

Skip count jumps

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

SKILL
Skip counting.
LEVEL UP
Jump to 100.



FRIDAY
JUL 10

Quest day

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

SKILL
Skills reinforced.
LEVEL UP
Win three battles in a row.



SATURDAY
JUL 11

Sidewalk mural

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

SKILL
Number recognition.
LEVEL UP
Hide numbers 10 in your mural.



SUNDAY
JUL 12

Cloud counting

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

SKILL
Observation and counting.
LEVEL UP
Estimate first, then count.

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Week 7 · Jul 13 – Jul 19



MONDAY
JUL 13

Tag with totals

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

SKILL
Adding to ten.
LEVEL UP
Play to 20 points.



TUESDAY
JUL 14

Card sorting

- 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.

SKILL
Sorting by rule.
LEVEL UP
Sort by two rules at once.



WEDNESDAY
JUL 15

Make a fan

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

SKILL
Counting and patterns.
LEVEL UP
Make exactly 12 folds.



THURSDAY
JUL 16

Shadow lengths

- 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.

SKILL
Measurement and time.
LEVEL UP
Track shadow at 3 times.



FRIDAY
JUL 17

Quest day

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

SKILL
Skills reinforced.
LEVEL UP
Climb 5 floors.



SATURDAY
JUL 18

Mini olympics

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

SKILL
Adding two-digit numbers.
LEVEL UP
Score events out of 20.



SUNDAY
JUL 19

Family quiz night

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

SKILL
Math fact recall.
LEVEL UP
Can you finish 3 rounds of Math Facts today?

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Week 8 · Jul 20 – Jul 26



MONDAY
JUL 20

Pet rock paint

- 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.

SKILL
Creativity and naming.
LEVEL UP
Make a family of 3.



TUESDAY
JUL 21

Bug count log

- 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 bring it back to compare to your foot.

SKILL
Observation and tallying.
LEVEL UP
Sort bugs by size.



WEDNESDAY
JUL 22

Hula hoop drill

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

SKILL
Counting in motion.
LEVEL UP
Spin for 1 full minute.



THURSDAY
JUL 23

Pattern blocks

- 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.

SKILL
Patterns and prediction.
LEVEL UP
Make a 3-rule pattern.



FRIDAY
JUL 24

Quest day

- 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.

SKILL
Skills reinforced.
LEVEL UP
Defeat a boss.



SATURDAY
JUL 25

DIY board game

- 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 is roughly 100 years!

SKILL
Game design and counting.
LEVEL UP
Add 'lose-a-turn' squares.



SUNDAY
JUL 26

Library search

- 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.

SKILL
Reading and math.
LEVEL UP
Find 3 math books.

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Week 9 · Jul 27 – Aug 2



MONDAY
JUL 27

Water balloon math

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

SKILL
Counting and subtraction.

LEVEL UP
Subtract from 10 each round.



TUESDAY
JUL 28

Brain teaser tea

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

SKILL
Problem solving.

LEVEL UP
Solve two in a row.



WEDNESDAY
JUL 29

Origami fold

- 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!'

SKILL
Following sequences.

LEVEL UP
Fold without help.



THURSDAY
JUL 30

Shape walk

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

SKILL
Shape recognition.

LEVEL UP
Find 6 shapes.



FRIDAY
JUL 31

Quest day

- 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.

SKILL
Skills reinforced.

LEVEL UP
Win 5 duels.



SATURDAY
AUG 1

Backyard sports

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

SKILL
Tally and total.

LEVEL UP
Play best of 3.



SUNDAY
AUG 2

Salt dough shapes

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

SKILL
Number shape recognition.

LEVEL UP
Shape numbers 0–9.

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