

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

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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.

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 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.

TRACK THE WEEK  
Check off each day you play.

MON  TUE  WED  THU  FRI  SAT  SUN

 ● THEN CONTINUE YOUR QUEST  
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**20**  
MIN / DAY

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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 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.

TRACK THE WEEK  
Check off each day you play.

MON  TUE  WED  THU  FRI  SAT  SUN

 ● THEN CONTINUE YOUR QUEST  
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**20**  
MIN / DAY

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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.

TRACK THE WEEK  
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MON  TUE  WED  THU  FRI  SAT  SUN

 ● THEN CONTINUE YOUR QUEST  
**Make screen time count in Prodigy.**

**20**  
MIN / DAY

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