

# Puzzle 1: Signs of Spring

Easy | 12 x 12 grid | 12 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H | E | E | S | B | I | R | D | S | O | N | G |
| J | N | O | P | D | S | W | A | S | S | I | W |
| I | B | X | R | V | A | U | U | U | R | R | A |
| M | E | P | I | G | U | Y | H | N | W | N | R |
| C | E | F | N | Z | P | H | L | L | D | D | M |
| T | R | L | G | R | E | E | N | I | N | G | D |
| H | F | M | T | S | B | E | E | G | G | Z | A |
| A | P | E | I | W | B | R | W | H | T | H | Y |
| W | R | K | M | L | A | O | E | T | D | E | T |
| I | C | P | E | Q | D | T | O | E | Y | F | E |
| N | E | W | L | E | A | V | E | S | Z | O | W |
| G | R | O | W | T | H | I | I | R | V | Y | A |

## FIND THESE WORDS

Birdsong  
Breezy  
Daylight  
Greening

Growth  
Meltwater  
Mild  
New leaves

Springtime  
Sunlight  
Thawing  
Warm day

## Puzzle 2: Spring Rain

Easy | 12 x 12 grid | 12 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| W | I | A | W | J | T | P | U | L | U | T | V |
| N | I | H | R | A | I | N | C | O | A | T | M |
| Q | R | R | W | A | T | S | E | I | O | W | J |
| I | L | A | K | D | I | E | B | M | G | E | M |
| I | H | I | I | O | M | N | R | R | B | T | U |
| L | A | N | G | N | P | J | H | B | E | R | D |
| D | U | D | V | H | B | F | O | A | E | O | P |
| G | O | R | V | E | T | O | M | B | T | A | U |
| C | L | O | U | D | V | R | O | W | P | D | D |
| V | S | P | L | A | S | H | A | T | B | J | D |
| B | S | R | O | O | F | D | R | I | P | E | L |
| J | N | D | F | X | H | X | O | Z | N | I | E |

### FIND THESE WORDS

Cloud  
Light rain  
Mud  
Puddle

Rain boot  
Raincoat  
Raindrop  
Rain hat

Roof drip  
Splash  
Water bead  
Wet road

## Puzzle 3: Backyard Birds

Easy | 12 x 12 grid | 12 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| M | L | K | P | E | R | C | H | I | N | G | C |
| X | O | B | L | U | E | B | I | R | D | H | N |
| C | E | R | O | B | I | N | B | N | Y | F | M |
| K | H | D | N | L | M | D | I | R | I | L | J |
| N | E | I | W | I | H | U | I | T | X | E | W |
| C | E | G | C | W | N | P | M | Q | M | D | A |
| W | P | S | G | K | D | G | A | U | J | G | R |
| R | M | Q | T | S | A | N | S | P | F | L | B |
| E | Z | D | E | B | H | D | A | O | I | I | L |
| N | M | D | O | W | O | E | E | D | N | N | E |
| Z | Z | C | V | C | O | X | L | E | C | G | R |
| U | U | T | H | R | U | S | H | L | H | J | Y |

### FIND THESE WORDS

Bluebird  
Chickadee  
Eggshell  
Finch

Fledgling  
Morning song  
Nest box  
Perching

Robin  
Thrush  
Warbler  
Wren

## Puzzle 4: Spring Outdoors

Easy | 12 x 12 grid | 12 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H | N | N | B | U | G | H | U | N | T | J | J |
| P | S | S | A | I | H | O | K | Q | L | U | T |
| L | J | K | L | T | K | R | K | X | E | M | R |
| A | N | P | Y | R | U | E | E | V | O | P | A |
| Y | C | Y | O | W | L | R | R | C | V | R | I |
| A | H | B | P | N | A | Y | E | I | H | O | L |
| R | A | H | U | T | D | T | P | W | D | P | W |
| E | L | M | Q | S | W | V | C | T | A | E | A |
| A | K | S | B | B | R | D | I | H | A | L | L |
| P | A | R | K | W | A | L | K | S | I | Q | K |
| N | R | K | I | T | E | F | L | Y | I | N | G |
| F | T | P | I | C | N | I | C | M | A | T | G |

### FIND THESE WORDS

Bike ride  
Bug hunt  
Chalk art  
Jump rope

Kite flying  
Nature walk  
Park walk  
Picnic mat

Play area  
Pond visit  
Sky watching  
Trail walk

# Puzzle 5: Buds and New Growth

Medium | 15 x 15 grid | 16 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M | B | U | D | B | R | E | A | K | P | G | S | R | S | D |
| E | A | K | V | D | G | K | M | N | Z | R | O | I | E | B |
| K | P | N | A | L | G | E | Z | C | A | O | V | G | V | H |
| F | O | H | B | E | T | B | O | D | T | W | N | R | A | T |
| N | C | T | T | S | R | T | R | G | S | I | B | E | E | W |
| J | Z | A | I | W | Y | B | R | J | N | N | S | E | L | O |
| O | L | R | M | L | O | O | Y | E | H | G | H | N | T | R |
| W | E | S | E | B | W | R | P | C | X | S | A | U | S | G |
| M | S | D | A | T | I | O | G | E | N | E | R | P | R | M |
| M | O | L | H | P | Y | U | D | T | N | A | O | Y | I | E |
| N | L | P | B | P | F | Z | M | E | O | S | M | F | F | T |
| P | G | C | O | D | O | L | B | C | Y | O | Q | R | K | S |
| G | U | N | L | E | A | F | O | U | T | N | H | S | O | M |
| H | A | G | N | I | M | R | A | W | L | I | O | S | B | D |
| C | T | S | E | L | D | E | E | N | W | E | N | M | V | S |

## FIND THESE WORDS

Bud break  
Cambium  
Canopy opening  
Cotyledon

Dormancy break  
First leaves  
Green-up  
Growing season

Leaf-out  
Meristem  
New needles  
Root growth

Sap flow  
Shoot growth  
Soil warming  
Stem growth

# Puzzle 6: Pollinator Visit

Medium | 15 x 15 grid | 16 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K | A | E | E | B | Y | E | N | O | H | R | B | X | W | L |
| Z | U | B | J | J | Y | W | N | R | T | K | R | P | L | R |
| K | F | F | L | O | W | E | R | B | E | E | T | L | E | H |
| S | N | U | H | K | L | F | S | B | H | L | I | F | V | Z |
| W | N | O | G | A | M | G | I | T | S | Q | S | O | Y | O |
| P | A | I | I | U | Q | D | N | L | O | N | I | R | V | K |
| B | J | G | A | T | K | A | H | D | A | O | V | A | S | T |
| H | J | S | G | R | A | I | Z | R | W | M | R | G | J | I |
| O | Q | G | U | L | G | N | T | L | S | Y | E | I | S | S |
| V | V | A | C | U | E | N | I | Y | J | Y | W | N | V | I |
| E | A | W | Z | C | E | D | E | L | W | T | O | G | T | V |
| R | Y | J | T | L | Q | U | A | L | L | B | L | P | T | E |
| F | C | A | L | K | W | X | A | N | L | O | F | A | R | E |
| L | R | O | Z | I | P | L | D | E | C | O | P | T | X | B |
| Y | P | B | U | M | B | L | E | B | E | E | P | H | Z | T |

## FIND THESE WORDS

Anther  
Bee visit  
Bumblebee  
Filament

Flower beetle  
Flower visit  
Foraging path  
Honeybee

Hoverfly  
Nectar  
Ovary  
Pollen grains

Pollen transfer  
Pollination  
Stigma  
Waggle dance

# Puzzle 7: Pond Life

Medium | 15 x 15 grid | 16 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W | M | I | J | W | J | X | F | H | A | K | L | V | D | A |
| A | G | T | A | D | P | O | L | E | B | V | X | B | L | V |
| S | E | G | D | E | D | N | A | L | T | E | W | J | S | B |
| E | R | P | Y | L | F | L | E | S | M | A | D | H | R | T |
| L | V | E | J | I | Q | Z | I | G | T | J | A | D | W | R |
| P | O | N | D | S | K | A | T | E | R | L | Z | E | O | E |
| P | Z | D | B | N | Z | F | R | G | L | A | N | E | O | E |
| I | T | V | R | B | A | S | R | O | Z | S | L | W | R | D |
| R | H | A | Z | A | T | M | W | O | L | M | I | K | X | B |
| O | M | I | M | R | G | W | A | I | G | B | L | C | E | E |
| H | N | X | I | L | A | O | A | L | S | S | Y | U | Y | D |
| L | X | D | X | T | A | T | N | C | A | I | P | D | F | O |
| A | E | A | E | P | T | G | A | F | V | S | A | A | X | N |
| R | Z | R | G | A | X | V | L | T | L | M | D | Q | W | F |
| S | S | S | C | O | Q | O | F | A | F | Y | S | I | X | N |

## FIND THESE WORDS

Algal mat  
Cattails  
Damselfly  
Dragonfly

Duckweed  
Frogspawn  
Lily pads  
Newt

Pond skater  
Reed bed  
Ripples  
Salamander

Shallow water  
Tadpole  
Water strider  
Wetland edge

## Puzzle 8: Spring Garden Tasks

Medium | 15 x 15 grid | 16 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| U | U | M | S | B | U | R | H | S | E | N | U | R | P | Z |
| I | S | J | C | X | A | R | A | K | E | B | E | D | S | T |
| E | T | T | S | O | W | S | E | E | D | S | T | K | E | U |
| L | O | S | S | D | M | U | H | M | D | M | N | R | J | R |
| A | P | L | P | P | S | P | U | T | Z | A | U | P | W | N |
| B | N | O | T | W | M | L | O | C | A | T | U | A | T | S |
| E | A | O | W | R | C | U | Y | S | S | P | T | K | A | O |
| L | E | T | I | H | A | J | L | I | T | E | D | E | O | I |
| R | L | N | B | R | J | N | O | C | R | T | P | E | I | L |
| O | C | E | X | E | M | M | S | R | E | E | O | Q | E | P |
| W | D | P | C | J | K | P | O | P | K | D | N | P | J | W |
| S | Q | R | A | C | S | O | A | A | L | C | I | A | U | B |
| Q | Z | A | E | P | T | T | T | P | P | A | S | V | T | P |
| R | T | H | N | S | U | S | E | C | Y | P | N | N | I | Q |
| V | C | S | T | U | O | R | P | S | N | I | H | T | D | D |

### FIND THESE WORDS

Check moisture

Clean pots

Compost top-up

Divide clumps

Label rows

Mulch beds

Prune shrubs

Rake beds

Sharpen tools

Sow seeds

Stake peas

Thin sprouts

Transplant

Turn soil

Water roots

Weed paths

# Puzzle 9: Phenology: Spring Timing

Challenging | 18 x 18 grid | 20 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | Z | T | S | E | U | C | L | A | C | O | L | W | N | T | R | K | B |
| L | C | N | D | O | Y | G | O | L | O | N | E | H | P | E | E | G | E |
| A | D | E | L | F | B | S | H | L | R | G | M | D | N | M | G | C | U |
| T | Y | V | N | A | T | S | Z | U | N | P | A | D | L | P | N | F | C |
| I | C | E | L | E | T | S | E | I | Z | T | C | O | A | E | A | A | L |
| T | B | E | N | F | P | A | M | R | A | B | N | R | G | R | H | R | A |
| U | R | L | F | Q | I | I | D | R | V | G | G | R | B | A | C | R | N |
| D | S | C | Z | F | T | R | E | Y | T | A | E | Q | M | T | S | I | O |
| E | L | Y | U | T | E | C | S | E | T | M | T | Q | B | U | E | V | S |
| E | U | C | N | U | O | N | R | T | E | I | M | I | P | R | I | A | A |
| F | G | E | D | R | X | M | O | F | B | Q | N | D | O | E | C | L | E |
| F | V | F | D | N | R | F | A | I | A | L | W | U | A | N | E | D | S |
| E | Y | I | C | E | V | E | R | K | T | Y | O | S | M | F | P | A | J |
| C | U | L | C | X | L | N | S | M | N | A | G | O | X | M | S | T | S |
| T | B | O | T | S | R | U | B | D | U | B | V | W | M | K | O | E | S |
| G | R | O | W | I | N | G | D | E | G | R | E | E | D | A | Y | C | G |
| D | C | L | I | M | A | T | E | S | I | G | N | A | L | X | D | G | R |
| Q | P | A | P | H | O | T | O | P | E | R | I | O | D | E | L | B | E |

## FIND THESE WORDS

|                |                    |                  |                |
|----------------|--------------------|------------------|----------------|
| Arrival date   | Elevation effect   | Leaf emergence   | Phenology      |
| Budburst       | Event timing       | Life-cycle event | Photoperiod    |
| Climate signal | First bloom        | Local cues       | Seasonal cue   |
| Community data | Growing degree day | Long-term record | Species change |
| Data record    | Latitude effect    | Observation      | Temperature    |

# Puzzle 10: Flower and Seed Science

Challenging | 18 x 18 grid | 20 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T | A | O | C | D | E | E | S | C | O | T | Y | L | E | D | O | N | S |
| Q | C | D | L | Y | T | O | C | O | P | Y | H | L | W | F | R | J | N |
| B | Z | O | G | N | E | C | T | A | R | G | U | I | D | E | E | Y | F |
| G | H | R | R | S | L | N | H | K | Y | H | N | S | T | H | I | T | P |
| R | W | M | A | U | E | I | D | B | V | D | I | T | B | X | Q | D | H |
| E | H | A | V | K | Z | E | O | O | D | T | A | I | D | T | E | L | F |
| M | A | N | I | M | A | L | D | I | S | P | E | R | S | A | L | E | X |
| B | E | T | T | H | G | S | S | L | L | P | S | S | W | S | R | C | N |
| R | B | S | Y | J | A | P | C | A | I | U | E | P | T | T | G | O | O |
| Y | U | E | D | E | E | G | T | P | W | N | T | R | I | I | I | T | K |
| O | T | E | I | R | L | E | Q | T | E | D | G | L | M | T | U | G | Z |
| E | N | D | S | Q | P | U | E | V | K | W | I | R | I | U | I | R | V |
| L | E | A | P | Z | D | E | M | R | W | Z | T | B | O | A | Z | Q | F |
| C | L | M | E | K | W | L | E | U | A | W | I | N | Q | O | B | T | Q |
| I | L | W | R | U | V | U | V | T | L | B | H | M | G | M | T | W | B |
| D | O | V | S | F | Z | V | I | T | M | P | W | A | F | P | Z | C | B |
| A | P | V | A | Q | A | O | O | I | G | E | G | Q | Q | G | I | X | D |
| R | T | E | L | L | N | P | Y | R | A | V | O | R | E | W | O | L | F |

## FIND THESE WORDS

Animal dispersal

Cotyledons

Dormant seed

Embryo

Endosperm

Fertilization

Flower ovary

Fruit set

Gravity dispersal

Hypocotyl

Imbibition

Nectar guide

Ovule

Petal pattern

Plumule

Pollen tube

Radicle

Seed coat

Seedling root

Wind dispersal

# Puzzle 11: Spring Weather Patterns

Challenging | 18 x 18 grid | 20 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| U | B | R | H | C | T | A | W | D | O | O | L | F | B | K | N | G | Q |
| P | S | Q | K | L | E | V | E | L | E | R | U | T | S | I | O | M | T |
| D | I | U | K | J | T | Q | F | C | C | R | Y | I | U | S | Q | O | E |
| R | W | Y | R | C | G | N | X | N | A | Y | R | O | N | R | O | Y | M |
| A | I | C | R | C | U | G | O | I | O | G | T | O | N | I | E | G | P |
| F | N | V | W | A | S | M | N | R | N | B | W | S | H | A | G | K | E |
| T | D | Z | E | F | D | G | U | I | F | M | A | C | Z | E | N | P | R |
| R | S | V | A | R | A | N | N | L | E | M | T | G | T | L | A | A | A |
| B | H | O | P | U | C | T | U | L | O | A | R | Y | S | B | H | D | T |
| V | I | C | G | C | H | R | T | O | W | N | Z | A | O | A | C | N | U |
| V | F | E | L | G | J | R | E | M | B | X | I | A | W | T | E | A | R |
| K | T | L | I | M | U | Z | R | S | D | L | H | M | V | S | R | B | E |
| G | O | L | W | N | W | O | U | I | T | T | A | Y | B | N | U | N | S |
| V | M | N | O | I | T | C | E | V | N | O | C | T | W | U | S | I | W |
| Z | C | F | F | S | X | A | V | U | B | F | K | S | N | E | S | A | I |
| Q | F | M | Q | H | A | I | L | S | H | A | F | T | O | O | E | R | N |
| G | W | S | J | G | T | H | U | N | D | E | R | S | T | O | R | M | G |
| S | W | E | A | T | H | E | R | R | A | D | A | R | N | L | P | F | Z |

## FIND THESE WORDS

Convection

Cumulonimbus

Flood watch

Frontal boundary

Hail shaft

Lightning risk

Moisture level

Pressure change

Rain band

Rain gauge

River crest

Snowmelt runoff

Storm watch

Temperature swing

Thunderstorm

Unstable air

Updraft

Warm front

Weather radar

Wind shift

# Puzzle 12: Spring Across Climates

Challenging | 18 x 18 grid | 20 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G | S | A | H | A | L | H | L | N | S | U | N | A | N | G | L | E | Z |
| N | N | O | R | T | H | E | R | N | S | P | R | I | N | G | W | G | M |
| I | I | S | L | I | G | F | L | A | T | I | T | U | D | E | C | S | A |
| R | G | D | N | A | J | N | H | G | R | F | N | G | N | O | L | E | L |
| P | X | E | R | O | R | M | E | Q | M | O | F | O | A | O | Q | P | P |
| S | E | S | P | Z | S | D | X | L | S | S | S | S | C | F | N | T | I |
| N | N | E | W | S | M | A | E | A | Y | A | T | A | D | R | O | E | N |
| R | O | R | D | W | Z | A | E | C | E | A | L | D | G | K | I | M | E |
| E | Z | T | Q | H | D | S | R | S | L | W | D | C | D | P | T | B | C |
| H | E | C | I | E | Y | S | Y | C | E | I | A | L | O | X | A | E | L |
| T | T | L | Q | R | U | N | L | A | H | T | N | O | U | S | R | R | I |
| U | A | I | D | P | I | I | T | U | J | E | I | A | Q | L | G | E | M |
| O | R | M | O | A | M | H | T | Z | A | F | Q | S | T | E | I | Q | A |
| S | E | A | R | A | E | Z | Q | R | S | N | F | U | O | I | M | U | T |
| O | P | T | T | R | Z | N | T | I | J | A | O | O | I | P | O | I | E |
| Q | M | E | H | M | N | O | I | T | A | V | E | L | E | N | P | N | C |
| N | E | M | I | T | G | N | I | R | E | W | O | L | F | V | O | O | X |
| E | T | A | M | I | L | C | L | A | N | O | I | G | E | R | I | X | T |

## FIND THESE WORDS

Alpine climate  
Coastal climate  
Day length  
Desert climate  
Dry season

Elevation  
Flowering time  
Latitude  
Local weather  
March equinox

Migration  
Northern spring  
Opposite seasons  
Rainy season  
Regional climate

September equinox  
Solar declination  
Southern spring  
Sun angle  
Temperate zone

# Answer 1: Signs of Spring

Easy | 12 x 12 grid | 12 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H | E | E | S | B | I | R | D | S | O | N | G |
| J | N | O | P | D | S | W | A | S | S | I | W |
| I | B | X | R | V | A | U | U | U | R | R | A |
| M | E | P | I | G | U | Y | H | N | W | N | R |
| C | E | F | N | Z | P | H | L | L | D | D | M |
| T | R | L | G | R | E | E | N | I | N | G | D |
| H | F | M | T | S | B | E | E | G | G | Z | A |
| A | P | E | I | W | B | R | W | H | T | H | Y |
| W | R | K | M | L | A | O | E | T | D | E | T |
| I | C | P | E | Q | D | T | O | E | Y | F | E |
| N | E | W | L | E | A | V | E | S | Z | O | W |
| G | R | O | W | T | H | I | I | R | V | Y | A |

## ANSWER WORDS

Birdsong E  
Breezy SE  
Daylight SE  
Greening E

Growth E  
Meltwater SE  
Mild SE  
New leaves E

Springtime S  
Sunlight S  
Thawing S  
Warm day S

## Answer 2: Spring Rain

Easy | 12 x 12 grid | 12 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| W | I | A | W | J | T | P | U | L | U | T | V |
| N | I | H | R | A | I | N | C | O | A | T | M |
| Q | R | R | W | A | T | S | E | I | O | W | J |
| I | L | A | K | D | I | E | B | M | G | E | M |
| I | H | I | I | O | M | N | R | R | B | T | U |
| L | A | N | G | N | P | J | H | B | E | R | D |
| D | U | D | V | H | B | F | O | A | E | O | P |
| G | O | R | V | E | T | O | M | B | T | A | U |
| C | L | O | U | D | V | R | O | W | P | D | D |
| V | S | P | L | A | S | H | A | T | B | J | D |
| B | S | R | O | O | F | D | R | I | P | E | L |
| J | N | D | F | X | H | X | O | Z | N | I | E |

### ANSWER WORDS

Cloud E  
Light rain SE  
Mud S  
Puddle S

Rain boot SE  
Raincoat E  
Raindrop S  
Rain hat SE

Roof drip E  
Splash E  
Water bead SE  
Wet road S

## Answer 3: Backyard Birds

Easy | 12 x 12 grid | 12 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| M | L | K | P | E | R | C | H | I | N | G | C |
| X | O | B | L | U | E | B | I | R | D | H | N |
| C | E | R | O | B | I | N | B | N | Y | F | M |
| K | H | D | N | L | M | D | I | R | I | L | J |
| N | E | I | W | I | H | U | I | T | X | E | W |
| C | E | G | C | W | N | P | M | Q | M | D | A |
| W | P | S | G | K | D | G | A | U | J | G | R |
| R | M | Q | T | S | A | N | S | P | F | L | B |
| E | Z | D | E | B | H | D | A | O | I | I | L |
| N | M | D | O | W | O | E | E | D | N | N | E |
| Z | Z | C | V | C | O | X | L | E | C | G | R |
| U | U | T | H | R | U | S | H | L | H | J | Y |

### ANSWER WORDS

Bluebird E  
Chickadee SE  
Eggshell SE  
Finch S

Fledgling S  
Morning song SE  
Nest box SE  
Perching E

Robin E  
Thrush E  
Warbler S  
Wren S

# Answer 4: Spring Outdoors

Easy | 12 x 12 grid | 12 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H | N | N | B | U | G | H | U | N | T | J | J |
| P | S | S | A | I | H | O | K | Q | L | U | T |
| L | J | K | L | T | K | R | K | X | E | M | R |
| A | N | P | Y | R | U | E | E | V | O | P | A |
| Y | C | Y | O | W | L | R | R | C | V | R | I |
| A | H | B | P | N | A | Y | E | I | H | O | L |
| R | A | H | U | T | D | T | P | W | D | P | W |
| E | L | M | Q | S | W | V | C | T | A | E | A |
| A | K | S | B | B | R | D | I | H | A | L | L |
| P | A | R | K | W | A | L | K | S | I | Q | K |
| N | R | K | I | T | E | F | L | Y | I | N | G |
| F | T | P | I | C | N | I | C | M | A | T | G |

## ANSWER WORDS

Bike ride SE  
Bug hunt E  
Chalk art S  
Jump rope S

Kite flying E  
Nature walk SE  
Park walk E  
Picnic mat E

Play area S  
Pond visit SE  
Sky watching SE  
Trail walk S

# Answer 5: Buds and New Growth

Medium | 15 x 15 grid | 16 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M | B | U | D | B | R | E | A | K | P | G | S | R | S | D |
| E | A | K | V | D | G | K | M | N | Z | R | O | I | E | B |
| K | P | N | A | L | G | E | Z | C | A | O | V | G | V | H |
| F | O | H | B | E | T | B | O | D | T | W | N | R | A | T |
| N | C | T | T | S | R | T | R | G | S | I | B | E | E | W |
| J | Z | A | I | W | Y | B | R | J | N | N | S | E | L | O |
| O | L | R | M | L | O | O | Y | E | H | G | H | N | T | R |
| W | E | S | E | B | W | R | P | C | X | S | A | U | S | G |
| M | S | D | A | T | I | O | G | E | N | E | R | P | R | M |
| M | O | L | H | P | Y | U | D | T | N | A | O | Y | I | E |
| N | L | P | B | P | F | Z | M | E | O | S | M | F | F | T |
| P | G | C | O | D | O | L | B | C | Y | O | Q | R | K | S |
| G | U | N | L | E | A | F | O | U | T | N | H | S | O | M |
| H | A | G | N | I | M | R | A | W | L | I | O | S | B | D |
| C | T | S | E | L | D | E | E | N | W | E | N | M | V | S |

## ANSWER WORDS

|                   |                   |                |                 |
|-------------------|-------------------|----------------|-----------------|
| Bud break E       | Dormancy break NW | Leaf-out E     | Sap flow SE     |
| Cambium SE        | First leaves N    | Meristem NE    | Shoot growth NW |
| Canopy opening NE | Green-up S        | New needles W  | Soil warming W  |
| Cotyledon SW      | Growing season S  | Root growth SW | Stem growth N   |

# Answer 6: Pollinator Visit

Medium | 15 x 15 grid | 16 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K | A | E | E | B | Y | E | N | O | H | R | B | X | W | L |
| Z | U | B | J | J | Y | W | N | R | T | K | R | P | L | R |
| K | F | F | L | O | W | E | R | B | E | E | T | L | E | H |
| S | N | U | H | K | L | F | S | B | H | L | I | F | V | Z |
| W | N | O | G | A | M | G | I | T | S | Q | S | O | Y | O |
| P | A | I | I | U | Q | D | N | L | O | N | I | R | V | K |
| B | J | G | A | T | K | A | H | D | A | O | V | A | S | T |
| H | J | S | G | R | A | I | Z | R | W | M | R | G | J | I |
| O | Q | G | U | L | G | N | T | L | S | Y | E | I | S | S |
| V | V | A | C | U | E | N | I | Y | J | Y | W | N | V | I |
| E | A | W | Z | C | E | D | E | L | W | T | O | G | T | V |
| R | Y | J | T | L | Q | U | A | L | L | B | L | P | T | E |
| F | C | A | L | K | W | X | A | N | L | O | F | A | R | E |
| L | R | O | Z | I | P | L | D | E | C | O | P | T | X | B |
| Y | P | B | U | M | B | L | E | B | E | E | P | H | Z | T |

## ANSWER WORDS

Anther NE  
Bee visit N  
Bumblebee E  
Filament SE

Flower beetle E  
Flower visit N  
Foraging path S  
Honeybee W

Hoverfly S  
Nectar SW  
Ovary SW  
Pollen grains NW

Pollen transfer NE  
Pollination NW  
Stigma W  
Waggle dance SE

# Answer 7: Pond Life

Medium | 15 x 15 grid | 16 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W | M | I | J | W | J | X | F | H | A | K | L | V | D | A |
| A | G | T | A | D | P | O | L | E | B | V | X | B | L | V |
| S | E | G | D | E | D | N | A | L | T | E | W | J | S | B |
| E | R | P | Y | L | F | L | E | S | M | A | D | H | R | T |
| L | V | E | J | I | Q | Z | I | G | T | J | A | D | W | R |
| P | O | N | D | S | K | A | T | E | R | L | Z | E | O | E |
| P | Z | D | B | N | Z | F | R | G | L | A | N | E | O | E |
| I | T | V | R | B | A | S | R | O | Z | S | L | W | R | D |
| R | H | A | Z | A | T | M | W | O | L | M | I | K | X | B |
| O | M | I | M | R | G | W | A | I | G | B | L | C | E | E |
| H | N | X | I | L | A | O | A | L | S | S | Y | U | Y | D |
| L | X | D | X | T | A | T | N | C | A | I | P | D | F | O |
| A | E | A | E | P | T | G | A | F | V | S | A | A | X | N |
| R | Z | R | G | A | X | V | L | T | L | M | D | Q | W | F |
| S | S | S | C | O | Q | O | F | A | F | Y | S | I | X | N |

## ANSWER WORDS

Algal mat NW  
Cattails NE  
Damselfly W  
Dragonfly SE

Duckweed N  
Frogspawn SE  
Lily pads S  
Newt NE

Pond skater E  
Reed bed S  
Ripples N  
Salamander NW

Shallow water SW  
Tadpole E  
Water strider SW  
Wetland edge W

## Answer 8: Spring Garden Tasks

Medium | 15 x 15 grid | 16 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| U | U | M | S | B | U | R | H | S | E | N | U | R | P | Z |
| I | S | J | C | X | A | R | A | K | E | B | E | D | S | T |
| E | T | T | S | O | W | S | E | E | D | S | T | K | E | U |
| L | O | S | S | D | M | U | H | M | D | M | N | R | J | R |
| A | P | L | P | P | S | P | U | T | Z | A | U | P | W | N |
| B | N | O | T | W | M | L | O | C | A | T | U | A | T | S |
| E | A | O | W | R | C | U | Y | S | S | P | T | K | A | O |
| L | E | T | I | H | A | J | L | I | T | E | D | E | O | I |
| R | L | N | B | R | J | N | O | C | R | T | P | E | I | L |
| O | C | E | X | E | M | M | S | R | E | E | O | Q | E | P |
| W | D | P | C | J | K | P | O | P | K | D | N | P | J | W |
| S | Q | R | A | C | S | O | A | A | L | C | I | A | U | B |
| Q | Z | A | E | P | T | T | T | P | P | A | S | V | T | P |
| R | T | H | N | S | U | S | E | C | Y | P | N | N | I | Q |
| V | C | S | T | U | O | R | P | S | N | I | H | T | D | D |

### ANSWER WORDS

Check moisture NE

Clean pots N

Compost top-up SE

Divide clumps NW

Label rows S

Mulch beds SW

Prune shrubs W

Rake beds E

Sharpen tools N

Sow seeds E

Stake peas NE

Thin sprouts W

Transplant SE

Turn soil S

Water roots SW

Weed paths NW

# Answer 9: Phenology: Spring Timing

Challenging | 18 x 18 grid | 20 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | Z | T | S | E | U | C | L | A | C | O | L | W | N | T | R | K | B |
| L | C | N | D | O | Y | G | O | L | O | N | E | H | P | E | E | G | E |
| A | D | E | L | F | B | S | H | L | R | G | M | D | N | M | G | C | U |
| T | Y | V | N | A | T | S | Z | U | N | P | A | D | L | P | N | F | C |
| I | C | E | L | E | T | S | E | I | Z | T | C | O | A | E | A | A | L |
| T | B | E | N | F | P | A | M | R | A | B | N | R | G | R | H | R | A |
| U | R | L | F | Q | I | I | D | R | V | G | G | R | B | A | C | R | N |
| D | S | C | Z | F | T | R | E | Y | T | A | E | Q | M | T | S | I | O |
| E | L | Y | U | T | E | C | S | E | T | M | T | Q | B | U | E | V | S |
| E | U | C | N | U | O | N | R | T | E | I | M | I | P | R | I | A | A |
| F | G | E | D | R | X | M | O | F | B | Q | N | D | O | E | C | L | E |
| F | V | F | D | N | R | F | A | I | A | L | W | U | A | N | E | D | S |
| E | Y | I | C | E | V | E | R | K | T | Y | O | S | M | F | P | A | J |
| C | U | L | C | X | L | N | S | M | N | A | G | O | X | M | S | T | S |
| T | B | O | T | S | R | U | B | D | U | B | V | W | M | K | O | E | S |
| G | R | O | W | I | N | G | D | E | G | R | E | E | D | A | Y | C | G |
| D | C | L | I | M | A | T | E | S | I | G | N | A | L | X | D | G | R |
| Q | P | A | P | H | O | T | O | P | E | R | I | O | D | E | L | B | E |

## ANSWER WORDS

Arrival date S

Budburst W

Climate signal E

Community data NW

Data record SW

Elevation effect NW

Event timing NE

First bloom SE

Growing degree day E

Latitude effect S

Leaf emergence NE

Life-cycle event N

Local cues W

Long-term record SW

Observation SE

Phenology W

Photoperiod E

Seasonal cue N

Species change N

Temperature S

# Answer 10: Flower and Seed Science

Challenging | 18 x 18 grid | 20 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T | A | O | C | D | E | E | S | C | O | T | Y | L | E | D | O | N | S |
| Q | C | D | L | Y | T | O | C | O | P | Y | H | L | W | F | R | J | N |
| B | Z | O | G | N | E | C | T | A | R | G | U | I | D | E | E | Y | F |
| G | H | R | R | S | L | N | H | K | Y | H | N | S | T | H | I | T | P |
| R | W | M | A | U | E | I | D | B | V | D | I | T | B | X | Q | D | H |
| E | H | A | V | K | Z | E | O | O | D | T | A | I | D | T | E | L | F |
| M | A | N | I | M | A | L | D | I | S | P | E | R | S | A | L | E | X |
| B | E | T | T | H | G | S | S | L | L | P | S | S | W | S | R | C | N |
| R | B | S | Y | J | A | P | C | A | I | U | E | P | T | T | G | O | O |
| Y | U | E | D | E | E | G | T | P | W | N | T | R | I | I | I | T | K |
| O | T | E | I | R | L | E | Q | T | E | D | G | L | M | T | U | G | Z |
| E | N | D | S | Q | P | U | E | V | K | W | I | R | I | U | I | R | V |
| L | E | A | P | Z | D | E | M | R | W | Z | T | B | O | A | Z | Q | F |
| C | L | M | E | K | W | L | E | U | A | W | I | N | Q | O | B | T | Q |
| I | L | W | R | U | V | U | V | T | L | B | H | M | G | M | T | W | B |
| D | O | V | S | F | Z | V | I | T | M | P | W | A | F | P | Z | C | B |
| A | P | V | A | Q | A | O | O | I | G | E | G | Q | Q | G | I | X | D |
| R | T | E | L | L | N | P | Y | R | A | V | O | R | E | W | O | L | F |

## ANSWER WORDS

Animal dispersal E

Cotyledons E

Dormant seed S

Embryo S

Endosperm SE

Fertilization SW

Flower ovary W

Fruit set NW

Gravity dispersal S

Hypocotyl W

Imbibition NE

Nectar guide E

Ovule N

Petal pattern NE

Plumule NW

Pollen tube N

Radicle N

Seed coat W

Seedling root SE

Wind dispersal SW

# Answer 11: Spring Weather Patterns

Challenging | 18 x 18 grid | 20 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| U | B | R | H | C | T | A | W | D | O | O | L | F | B | K | N | G | Q |
| P | S | Q | K | L | E | V | E | L | E | R | U | T | S | I | O | M | T |
| D | I | U | K | J | T | Q | F | C | C | R | Y | I | U | S | Q | O | E |
| R | W | Y | R | C | G | N | X | N | A | Y | R | O | N | R | O | Y | M |
| A | I | C | R | C | U | G | O | I | O | G | T | O | N | I | E | G | P |
| F | N | V | W | A | S | M | N | R | N | B | W | S | H | A | G | K | E |
| T | D | Z | E | F | D | G | U | I | F | M | A | C | Z | E | N | P | R |
| R | S | V | A | R | A | N | N | L | E | M | T | G | T | L | A | A | A |
| B | H | O | P | U | C | T | U | L | O | A | R | Y | S | B | H | D | T |
| V | I | C | G | C | H | R | T | O | W | N | Z | A | O | A | C | N | U |
| V | F | E | L | G | J | R | E | M | B | X | I | A | W | T | E | A | R |
| K | T | L | I | M | U | Z | R | S | D | L | H | M | V | S | R | B | E |
| G | O | L | W | N | W | O | U | I | T | T | A | Y | B | N | U | N | S |
| V | M | N | O | I | T | C | E | V | N | O | C | T | W | U | S | I | W |
| Z | C | F | F | S | X | A | V | U | B | F | K | S | N | E | S | A | I |
| Q | F | M | Q | H | A | I | L | S | H | A | F | T | O | O | E | R | N |
| G | W | S | J | G | T | H | U | N | D | E | R | S | T | O | R | M | G |
| S | W | E | A | T | H | E | R | R | A | D | A | R | N | L | P | F | Z |

## ANSWER WORDS

|                     |                   |                     |                 |
|---------------------|-------------------|---------------------|-----------------|
| Convection W        | Lightning risk NE | River crest SE      | Unstable air N  |
| Cumulonimbus SE     | Moisture level W  | Snowmelt runoff SW  | Updraft S       |
| Flood watch W       | Pressure change N | Storm watch NE      | Warm front NW   |
| Frontal boundary NW | Rain band N       | Temperature swing S | Weather radar E |
| Hail shaft E        | Rain gauge SW     | Thunderstorm E      | Wind shift S    |

# Answer 12: Spring Across Climates

Challenging | 18 x 18 grid | 20 words | answer included

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G | S | A | H | A | L | H | L | N | S | U | N | A | N | G | L | E | Z |
| N | N | O | R | T | H | E | R | N | S | P | R | I | N | G | W | G | M |
| I | I | S | L | I | G | F | L | A | T | I | T | U | D | E | C | S | A |
| R | G | D | N | A | J | N | H | G | R | F | N | G | N | O | L | E | L |
| P | X | E | R | O | R | M | E | Q | M | O | F | O | A | O | Q | P | P |
| S | E | S | P | Z | S | D | X | L | S | S | S | S | C | F | N | T | I |
| N | N | E | W | S | M | A | E | A | Y | A | T | A | D | R | O | E | N |
| R | O | R | D | W | Z | A | E | C | E | A | L | D | G | K | I | M | E |
| E | Z | T | Q | H | D | S | R | S | L | W | D | C | D | P | T | B | C |
| H | E | C | I | E | Y | S | Y | C | E | I | A | L | O | X | A | E | L |
| T | T | L | Q | R | U | N | L | A | H | T | N | O | U | S | R | R | I |
| U | A | I | D | P | I | I | T | U | J | E | I | A | Q | L | G | E | M |
| O | R | M | O | A | M | H | T | Z | A | F | Q | S | T | E | I | Q | A |
| S | E | A | R | A | E | Z | Q | R | S | N | F | U | O | I | M | U | T |
| O | P | T | T | R | Z | N | T | I | J | A | O | O | I | P | O | I | E |
| Q | M | E | H | M | N | O | I | T | A | V | E | L | E | N | P | N | C |
| N | E | M | I | T | G | N | I | R | E | W | O | L | F | V | O | O | X |
| E | T | A | M | I | L | C | L | A | N | O | I | G | E | R | I | X | T |

## ANSWER WORDS

|                    |                  |                     |                      |
|--------------------|------------------|---------------------|----------------------|
| Alpine climate S   | Elevation W      | Migration N         | September equinox S  |
| Coastal climate SW | Flowering time W | Northern spring E   | Solar declination SE |
| Day length NW      | Latitude E       | Opposite seasons NW | Southern spring N    |
| Desert climate S   | Local weather SW | Rainy season NE     | Sun angle E          |
| Dry season NE      | March equinox SE | Regional climate W  | Temperate zone N     |