# Moonlight Camping Quest

## HOST ONLY - preparation and story

Includes answers. Keep these pages with an adult.

The birthday team has arrived, but one important part of the celebration is missing. Find the birthday flag in a make-believe campsite. Collect five named badge digits, then use the final sheet to finish your mission. All the clues you need are printed here. Work together and ask for a hint whenever you want.

1. Print one player pack and two record sheets per team. Keep the host answers and all three hint levels with the adult.

2. Keep every clue as a full sheet at one table. Put the final sheet face down until all five results are recorded. Nothing needs cutting, folding or hiding.

3. Give each child a pencil. Choose a reader, recorder and checker, and swap jobs after each clue. Use one team for 2-4 children or two teams for 5-6.

Players: 4; teams: 1. Print one player and prop set per team. Invitations and certificates: 4 each.

No locks, purchases or cutting required. Keep all clues at a low table. Scissors are optional and for adults only.

# Moonlight Camping Quest

## HOST ONLY - solution guide

### 1. Camp: 2

From S at row 1 column 1, the eight moves end at row 3 column 3. Copy that cell, not the earlier visits.

### 2. Lantern: 4

A fails striped; C fails not-round; only B meets all three requirements and gives 4.

### 3. Sign: 7

Decode SEVEN; the conversion table maps it to 7.

### 4. Pack: 5

The unique order is Read the chart > Plan the path > Pack the flags > Mark the camp; position 2 carries 5.

### 5. Flags: 3

Subtract 2 from 11, divide by 3 to get 3. Check 2 × 3 + 5 = 11.

### 6. Final: 52347

badge-order: Pack > Camp > Flags > Lantern > Sign. Keep leading zeroes.

# Moonlight Camping Quest

## HOST ONLY - timeline and paper check

3 minutes: Read the opening story and explain the badges.

5 minutes: Solve Camp; offer one hint at a time.

5 minutes: Solve Lantern; offer one hint at a time.

5 minutes: Solve Sign; offer one hint at a time.

5 minutes: Solve Pack; offer one hint at a time.

5 minutes: Solve Flags; offer one hint at a time.

5 minutes: Combine the badges on the final sheet.

2 minutes: Read the ending and award certificates.

Paper completion: check each badge against the solution guide, then check the final code. No device is required.

Mission complete! Moonlight Camping Quest is ready for its birthday celebration. Thank your team for sharing ideas and helping one another.

Duration and ages are estimates. Adjust pace and offer help for your group.

# Moonlight Camping Quest

## Player clue 1: Camp | Team 1

Welcome, birthday explorers! Find the birthday flag in a make-believe campsite. Find five badge numbers. Use them on the last page. You can help each other and ask me for hints.

Start at S. Follow the full move list one square at a time, including backtracking. Copy ONLY the endpoint digit.

| | | | |
|---|---|---|---|
| **S: 2** | **4** | **6** | **8** |
| **5** | **7** | **9** | **1** |
| **8** | **0** | **2** | **4** |

**right > down > right > up > left > down > right > down**

One arrow = one square. S = start.

Camp badge: _____

# Moonlight Camping Quest

## Player clue 2: Lantern | Team 1

Find the ONE card matching all three requirements. Cross out cards that fail any requirement. Record its digit.

**Rule: striped = yes**

**Rule: round = no**

**Rule: tagged = yes**

**Card A - digit 8**
striped: no / round: no / tagged: yes

**Card B - digit 4**
striped: yes / round: no / tagged: yes

**Card C - digit 2**
striped: yes / round: yes / tagged: yes

Lantern badge: _____

# Moonlight Camping Quest

## Player clue 3: Sign | Team 1

Decode every symbol, including repeats. Use the printed conversion table to turn the completed word into one digit.

triangle = S  square = E  circle = V  star = N

triangle  square  circle  square  star

**SEVEN = 7**

**NINE = 9**

Sign badge: _____

# Moonlight Camping Quest

## Player clue 4: Pack | Team 1

Use every BEFORE rule to order the four actions. Write 1-4 beside the full-sheet cards. Read the digit at position 2.

| | |
|---|---|
| **Pack the flags [0]** | **Read the chart [8]** |
| **Mark the camp [2]** | **Plan the path [5]** |

Read the chart BEFORE Pack the flags

Plan the path BEFORE Mark the camp

Pack the flags BEFORE Mark the camp

Read the chart BEFORE Plan the path

Plan the path BEFORE Pack the flags

**Read position 2 (positions start at 1).**

Pack badge: _____

# Moonlight Camping Quest

## Player clue 5: Flags | Team 1

All parcels have the same whole-number weight. Use the first rule to find ONE parcel, then check it against the second rule.

**3 parcels + 2 loose units = 11 units**

**2 parcels + 5 loose units = 11 units**

One parcel = ? units. Whole numbers 1-9.

All parcels have equal weight.

Flags badge: _____

# Moonlight Camping Quest

## Player clue 6: Final | Team 1

Read your badge digits in the printed order below. Join them without spaces to finish the mission.

| Pack | Camp | Flags | Lantern | Sign |
|---|---|---|---|---|
| ? | ? | ? | ? | ? |

Read left to right. Keep every digit, including zero.

Final badge: _____

Need help? Ask your host for one hint at a time.

# Moonlight Camping Quest

## Hint cards - level 1 (spoilers; keep with host)

### 1. Camp

One move is one square. Revisited squares still count as moves.

### 2. Lantern

Check every rule, not only the first.

### 3. Sign

Each named shape always stands for the same letter.

### 4. Pack

The printed arrangement is not the action order.

### 5. Flags

The loose units are separate from the equal parcels.

### 6. Final

Keep the five badge results visible. Every number has a badge name.

# Moonlight Camping Quest

## Hint cards - level 2 (spoilers; keep with host)

### 1. Camp

Follow moves in the given order; do not skip a left or up step.

### 2. Lantern

Rule 2 says round = no. A positive match on one rule is not enough.

### 3. Sign

Write letters in message order, and repeat a letter when a symbol repeats.

### 4. Pack

First find the action that must come before both middle actions.

### 5. Flags

Remove the loose units before sharing the remaining total.

### 6. Final

Use the order, slots, route or matching columns printed on this page.

# Moonlight Camping Quest

## Hint cards - level 3 (spoilers; keep with host)

### 1. Camp

Mark your position after each move. Read the cell after move eight.

### 2. Lantern

Compare the three yes/no values in each row. Only one row matches the complete rule list.

### 3. Sign

Read the whole decoded word before choosing a conversion row.

### 4. Pack

Combine all five relations. The two middle actions also have a BEFORE relation.

### 5. Flags

Check the same whole-number result in BOTH equations.

### 6. Final

Start with the Pack badge, then follow the printed rule.

# Moonlight Camping Quest

## Team 1 badge record (no cutting needed)

Write a digit beside each badge as you solve its clue.

Camp: _____

Lantern: _____

Sign: _____

Pack: _____

Flags: _____

Reader: reads the clue. Recorder: writes the digit. Path finder: traces routes. Swap roles every clue.

# Moonlight Camping Quest

Team 1 paper unlock card

Our five badges are ready. We used the final sheet to find this code:

_____

Host: compare this with your solution guide. When it matches, read the ending and celebrate.

No physical lock or prize is required. You may draw a celebration star on this card.

## Moonlight Camping Quest

You're invited to a birthday mystery!

# Join Birthday Explorer for Moonlight Camping Quest.

Find the birthday flag in a make-believe campsite.

Date: _____

Time: _____

Place: _____

Bring your curiosity. Paper and pencils are provided. Work together, share ideas and solve six clues.

Designed for ages 8-10. Estimated 30-45 minutes.

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**Moonlight Camping Quest**

Birthday Mystery Explorer

# Presented to Birthday Explorer

Team member: _____

For completing Moonlight Camping Quest with curiosity, teamwork and kindness.

Mission complete! Moonlight Camping Quest is ready for its birthday celebration. Thank your team for sharing ideas and helping one another.

Date: _____

Host signature: _____

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