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 prop sheets per team. Keep all host and hint pages with an adult.

2. Put clue pages 1-5 at the table. Place the final sheet face down until the five badges are collected.

3. Share pencils and choose a reader, recorder and path finder. Swap jobs after each clue.

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: 1

Move exactly one orthogonal square per arrow; copy only the value at the endpoint.

2. Lantern: 7

Add 2 to the final printed number. The allowed rule is stated on the sheet.

3. Sign: 6

Locate the single STAR occurrence. The next cell contains the badge digit; other letters are filler.

4. Pack: 2

Subtract 1 from 7, then divide by 3. Check the result in the balance rule.

5. Flags: 4

Count each star once; ignore the other shapes.

6. Final: 21476

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 each arrow by one square in the listed order. Record the number on your final square.

S: 2	**3**	**4**	**5**
6	**7**	**8**	**9**
0	**1**	**2**	**3**

right > right > down > left > down

One arrow = one square. S = start.

Camp badge: _____

Moonlight Camping Quest

Player clue 2: Lantern | Team 1

The rule is: add 2 each time. What comes next? Write the next number.

Start after badges: Camp.

RULE: add 2 each time

1	**3**	**5**	**?**

Lantern badge: _____

Moonlight Camping Quest

Player clue 3: Sign | Team 1

Find STAR reading left to right only. Copy the digit immediately AFTER the word.

Start after badges: Camp.

Find STAR; only read to the RIGHT.

X	X	X	X	X	X	X	X
S	T	A	R	6	X	X	X
X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X

Answer = digit in the next square after the word.

Sign badge: _____

Moonlight Camping Quest

Player clue 4: Pack | Team 1

Every parcel weighs the same whole number from 1 to 9. Use the balance rule to find the weight of ONE parcel.

Start after badges: Lantern.

3 parcels + 1 loose units = 7 units

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

All parcels have equal weight.

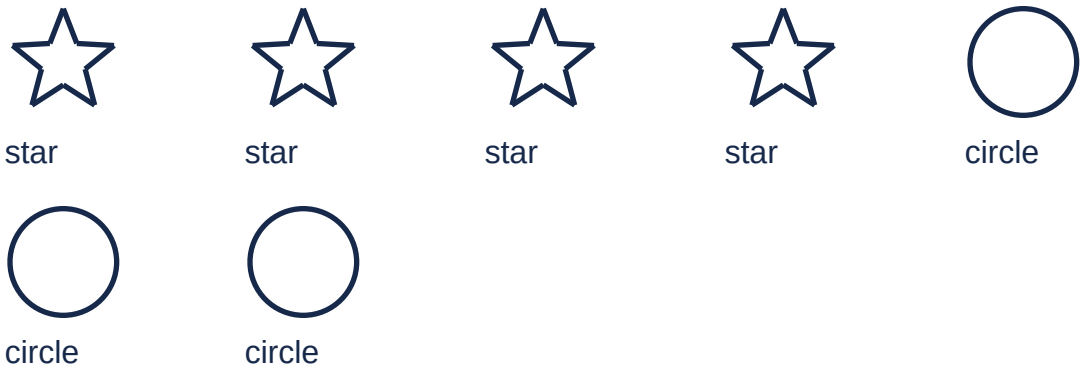
Pack badge: _____

Moonlight Camping Quest

Player clue 5: Flags | Team 1

Count only the star shapes. Write that number on your Flags badge.

Start after badges: Lantern.



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

Start at the top-left S square.

2. Lantern

Every step adds 2.

3. Sign

Read rows from left to right; look for S.

4. Pack

All parcels have the same weight.

5. Flags

Look for the word star.

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

One arrow means one square, even if the next square looks interesting.

2. Lantern

Start with the last number, not the first.

3. Sign

Do not search diagonally or backwards.

4. Pack

Remove the loose weight from the total first.

5. Flags

Point to one star at a time.

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

Trace each move with a pencil and mark the final square.

2. Lantern

Add once more; do not skip a step.

3. Sign

Once the whole word matches, read the very next cell.

4. Pack

Share the remaining weight equally among the parcels.

5. Flags

Mark the star shapes as you count, then check again.

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 7-9. Estimated 35-45 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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