

Cloud Castle Invitation

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 paper castle entrance for the birthday guests. 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.

Cloud Castle Invitation

HOST ONLY - solution guide

1. Clouds: 3

Reflection pairs column 1 with 4 and column 2 with 3. Add the marked left cell and its reflected right cell.

2. Key: 3

The matching card has both circle and stripes; matching just one property is insufficient.

3. Towers: 6

Count each triangle once; ignore the other shapes.

4. Steps: 7

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

5. Door: 5

Replace every symbol with its letter, including repeated symbols. Convert the decoded word using the printed table.

6. Final: 56337

badge-order: Door > Towers > Key > Clouds > Steps. Keep leading zeroes.

Cloud Castle Invitation

HOST ONLY - timeline and paper check

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

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

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

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

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

5 minutes: Solve Door; 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! Cloud Castle Invitation 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.

Cloud Castle Invitation

Player clue 1: Clouds | Team 1

Welcome, birthday explorers! Find the paper castle entrance for the birthday guests. Find five badge numbers. Use them on the last page. You can help each other and ask me for hints.

Imagine folding the right half onto the left along the dashed line. At the starred square, add the two numbers that meet. No cutting or folding is needed.

2	1	2	4
* 2	0	3	1

Fold RIGHT half onto LEFT. * marks the target.

Paper-only alternative: pair 1 with 4 and 2 with 3.

Clouds badge: _____

Cloud Castle Invitation

Player clue 2: Key | Team 1

Find the card with the same shape AND marking as the target. Copy its digit.

TARGET: circle, stripes



circle / stripes - digit 3



triangle / stripes - digit 5



circle / plain - digit 7

Key badge: _____

Cloud Castle Invitation

Player clue 3: Towers | Team 1

Count only the triangle shapes. Write that number on your Towers badge.

Start after badges: Clouds.



triangle



triangle



triangle



triangle



triangle



triangle



circle



circle



circle



circle



circle

Towers badge: _____

Cloud Castle Invitation

Player clue 4: Steps | Team 1

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

Start after badges: Clouds.

RULE: add 2 each time

1

3

5

?

Steps badge: _____

Cloud Castle Invitation

Player clue 5: Door | Team 1

Use the symbol key to decode the message. Use the word-to-number table to turn the word into a digit.

Start after badges: Key.



triangle = F



square = I



circle = V



star = E



triangle



square



circle



star

FIVE = 5

Door badge: _____

Cloud Castle Invitation

Player clue 6: Final | Team 1

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

Door ?	Towers ?	Key ?	Clouds ?	Steps ?
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Read left to right. Keep every digit, including zero.

Final badge: _____

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

Cloud Castle Invitation

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

1. Clouds

The middle dashed line is the fold.

2. Key

Compare two properties.

3. Towers

Look for the word triangle.

4. Steps

Every step adds 2.

5. Door

The same symbol always means the same letter.

6. Final

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

Cloud Castle Invitation

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

1. Clouds

The outside right square meets the outside left square.

2. Key

First find the same shape, then compare the marking.

3. Towers

Point to one triangle at a time.

4. Steps

Start with the last number, not the first.

5. Door

Write one letter under every symbol.

6. Final

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

Cloud Castle Invitation

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

1. Clouds

Find the mirror partner of the marked square and add their two printed values.

2. Key

Reject cards that agree on only one property.

3. Towers

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

4. Steps

Add once more; do not skip a step.

5. Door

Read the letters from left to right and use the printed number table.

6. Final

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

Cloud Castle Invitation

Team 1 badge record (no cutting needed)

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

Clouds: _____

Key: _____

Towers: _____

Steps: _____

Door: _____

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

Cloud Castle Invitation

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.

Cloud Castle Invitation

You're invited to a birthday mystery!

Join Birthday Explorer for Cloud Castle Invitation.

Find the paper castle entrance for the birthday guests.

Date: _____

Time: _____

Place: _____

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

Designed for ages 6-8. Estimated 30-40 minutes.

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Cloud Castle Invitation

Birthday Mystery Explorer

Presented to Birthday Explorer

Team member: _____

For completing Cloud Castle Invitation with curiosity,
teamwork and kindness.

Mission complete! Cloud Castle Invitation is ready for its birthday
celebration. Thank your team for sharing ideas and helping one
another.

Date: _____

Host signature: _____

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