

Birthday Starship

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 supplies at the moon base. 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.

Birthday Starship

HOST ONLY - solution guide

1. Stars: 4

Count each star once; ignore the other shapes.

2. Navigation: 2

Trace the orthogonal path from S; the other exits are separated by walls.

3. Log: 7

Pack bags, Board ship, Lift off, Land on moon. The third card, Lift off, carries 7.

4. Rocket: 3

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

5. Moon: 6

Only one card has craters=yes and tail=no.

6. Final: 34627

badge-order: Rocket > Stars > Moon > Navigation > Log. Keep leading zeroes.

Birthday Starship

HOST ONLY - timeline and paper check

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

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

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

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

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

5 minutes: Solve Moon; 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! Birthday Starship 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.