

Art Studio Color Case

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. Place the birthday drawings in their matching exhibit spaces. 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.

Art Studio Color Case

HOST ONLY - solution guide

1. Sketch: 3

Align each position in strip A with the same position in strip B. Count every unequal pair once.

2. Label: 1

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

3. Paper: 3

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

4. Frame: 4

Subtract 0 from 12, then divide by 3. Check the result in the balance rule.

5. Display: 6

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

6. Final: 63134

grid-placement: Display > Paper > Label > Sketch > Frame. Keep leading zeroes.

Art Studio Color Case

HOST ONLY - timeline and paper check

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

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

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

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

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

5 minutes: Solve Display; 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! Art Studio Color Case 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.