

Art Studio Color Case

HOST ONLY - preparation and story

Includes answers. Keep these pages with an adult.

The art studio labels are in the wrong envelopes. Compare the two print records, identify the artists and decode the shelf evidence without using color. Collect five named badge digits and use the final sheet. Every clue is on the table; ask the host for one hint at a time.

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.

Paper and pencils are enough. Keep whole sheets at one table; nothing needs cutting, folding or hiding.

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HOST ONLY - solution guide

1. Sketch: 4

Different positions are 1, 3, 4, 6. There are 4 differences.

2. Artist: 4

Sol has Sketch; May has Print; Jo has Card. May's item gives 4.

3. Shelf: 7

C2, D3, A2, B3 reads ARTS. The conversion table gives 7.

4. Stock: 1

Known stock: $11 + 4 - 1 = 14$. Closing stock 15 minus 14 gives the missing return 1. Cancelled +7 never arrived.

5. Frame: 4

Remove 1 from 9; share 8 among 2 parcels to get 4. Check $2 \times 4 + 3 = 11$.

6. Final: 01807

Only Record A matches all five columns. Copy its printed code 01807.

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HOST ONLY - timeline and paper check

3 minutes: Read the story, show the badge record and choose roles.

3 minutes: Solve Sketch. Offer one hint level at a time if wanted.

6 minutes: Solve Artist. Offer one hint level at a time if wanted.

5 minutes: Solve Shelf. Offer one hint level at a time if wanted.

5 minutes: Solve Stock. Offer one hint level at a time if wanted.

5 minutes: Solve Frame. Offer one hint level at a time if wanted.

5 minutes: Use the five results on the final sheet.

2 minutes: Read the ending and thank each teammate.

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

The drawings have their correct labels. The studio exhibit is ready for visitors. Thank your team for checking the evidence together. Confirmed: Record A, code 01807.

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