

# Triceratops Supply Desk

## HOST ONLY - preparation and story

Includes answers. Keep these pages with an adult.

A supply desk has a cancelled order, three keepers and a coded camp note. Use the five checks to select the complete supply record. 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.

# Triceratops Supply Desk

## HOST ONLY - solution guide

### 1. Stock: 4

Known stock:  $8 + 4 - 1 = 11$ . Closing stock 15 minus 11 gives the missing return 4. Cancelled +7 never arrived.

### 2. Keeper: 7

Paz has Seed; Remy has Leaf; Skye has Twig. Remy's item gives 7.

### 3. Load: 1

Remove 3 from 5; share 2 among 2 parcels to get 1. Check  $2 \times 1 + 3 = 5$ .

### 4. Note: 4

The decoded word is HORN; its row gives 4.

### 5. Plot: 7

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

### 6. Final: 03007

Only Record A matches all five columns. Copy its printed code 03007.

# Triceratops Supply Desk

## HOST ONLY - timeline and paper check

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

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

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

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

4 minutes: Solve Note. Offer one hint level at a time if wanted.

5 minutes: Solve Plot. 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 supply record is correct. The imaginary camp has what it needs. Thank your team for checking the evidence together. Confirmed: Record A, code 03007.

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

# Triceratops Supply Desk

Player clue 1: Stock | Team 1

A supply desk has a cancelled order, three keepers and a coded camp note. Use the five checks to select the complete supply record. Find five badge digits, then use the final sheet. Help each other and ask for hints.

Stock desk: A return entry lost its amount. Use the opening and closing stock to find the missing return. Apply DONE entries; ignore the CANCELLED plan.

**Opening stock: 8. Closing stock: 15.**

|                             |
|-----------------------------|
| <b>Received: +4    DONE</b> |
|-----------------------------|

|                                 |
|---------------------------------|
| <b>Planned: +7    CANCELLED</b> |
|---------------------------------|

|                           |
|---------------------------|
| <b>Issued: -1    DONE</b> |
|---------------------------|

|                            |
|----------------------------|
| <b>Returned: ?    DONE</b> |
|----------------------------|

Missing return = ? units. Ignore cancelled plans.

Stock badge: \_\_\_\_\_

## Triceratops Supply Desk

Player clue 2: Keeper | Team 1

Keeper desk: Each person has ONE different item. Use all four NOT rules. Find Remy's item and copy its digit.

**Leaf**

digit 7

**Seed**

digit 0

**Twig**

digit 3

**People: Paz, Remy, Skye**

Paz does NOT have Leaf.

Remy does NOT have Seed.

Remy does NOT have Twig.

Skye does NOT have Seed.

**Find Remy's item. Each item is used once.**

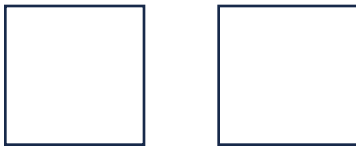
Keeper badge: \_\_\_\_\_

## Triceratops Supply Desk

Player clue 3: Load | Team 1

Load desk: Every parcel has the same whole-number weight. Remove loose units, find ONE parcel and check the second rule.

**2 parcels + 3 loose units = 5 units**



**2 parcels + 3 loose units = 5 units**

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

All parcels have equal weight.

Load badge: \_\_\_\_\_

# Triceratops Supply Desk

Player clue 4: Note | Team 1

Note desk: Decode all shapes in message order. Repeated shapes repeat their letter. Convert the full word using the table.



cross = H



hexagon = O



triangle = R



square = N



cross



hexagon



triangle



square

**HORN = 4**

**EGGS = 7**

**BONE = 0**

Note badge: \_\_\_\_\_

# Triceratops Supply Desk

Player clue 5: Plot | Team 1

Plot desk: Read the letter at each coordinate, in order. Letter = column; number = row. Convert the complete word using the printed table.

Columns: A, B, C, D. Rows: 1, 2, 3.

|   |   |   |   |   |
|---|---|---|---|---|
| 1 | G | K | N | R |
| 2 | R | Q | H | W |
| 3 | S | N | Y | O |

HORN = 7

EGGS = 0

BONE = 3

READ COORDINATES IN ORDER:

C2 > D3 > A2 > B3

Plot badge: \_\_\_\_\_

# Triceratops Supply Desk

## Player clue 6: Final | Team 1

Compare each record with ALL five badge results. Find the one record matching every column. Copy its complete code, including the first zero.

C1=Stock / C2=Keeper / C3=Load

C4=Note / C5=Plot

**Record A: 03007**

C1=4 C2=7 C3=1 C4=4 C5=7

**Record B: 03017**

C1=5 C2=7 C3=1 C4=4 C5=7

**Record C: 03027**

C1=4 C2=8 C3=1 C4=4 C5=7

**Record D: 03037**

C1=4 C2=7 C3=2 C4=4 C5=7

**Record E: 03047**

C1=4 C2=7 C3=1 C4=5 C5=7

**Record F: 03057**

C1=4 C2=7 C3=1 C4=4 C5=8

Final badge: \_\_\_\_\_

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

# Triceratops Supply Desk

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

## 1. Stock

The missing amount is a return into stock. The cancelled delivery never happened.

## 2. Keeper

No item can belong to two people. Cross out each forbidden pairing.

## 3. Load

Loose units are not parcels. Every parcel has equal weight.

## 4. Note

Use the letter under each named shape.

## 5. Plot

Columns A-D run left to right. Rows 1-3 run top to bottom.

## 6. Final

Keep all five named badge results beside this sheet.

# Triceratops Supply Desk

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

## 1. Stock

Start with 8. Apply +4 then -1. Ignore the cancelled +7.

## 2. Keeper

Remy cannot have two items, so Remy must have Leaf.

## 3. Load

Remove 3 loose units from 5. That leaves 2 for the equal parcels.

## 4. Note

The first two shapes give H then O. Decode the remaining shapes the same way.

## 5. Plot

The first coordinate C2 means column C, row 2. Its letter is H.

## 6. Final

Use C1=Stock, C2=Keeper, C3=Load, C4=Note, C5=Plot.

# Triceratops Supply Desk

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

## 1. Stock

The known entries leave 11. How much must return to reach the closing stock of 15?

## 2. Keeper

Cross Leaf off for the other two people. Apply the last NOT rule, then find Remy's item.

## 3. Load

Share 2 equally among 2 parcels. Substitute one parcel's weight into the second rule.

## 4. Note

Write HO first, then one letter per remaining shape. Choose the table row matching the whole message.

## 5. Plot

Begin with H, then read D3, A2, B3 in order. Use the complete word's conversion row.

## 6. Final

Each wrong record differs in just one column. Cross out all five wrong records, then copy the complete remaining code.

## Triceratops Supply Desk

Team 1 badge record (no cutting needed)

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

Stock: \_\_\_\_\_

Keeper: \_\_\_\_\_

Load: \_\_\_\_\_

Note: \_\_\_\_\_

Plot: \_\_\_\_\_

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

# Triceratops Supply Desk

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.

## Triceratops Supply Desk

You're invited to a birthday mystery!

Join Birthday Explorer for Triceratops Supply Desk.

Choose the correct supply record for the triceratops camp.

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Place: \_\_\_\_\_

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

Designed for ages 8-10. Estimated 30-45 minutes.

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# Triceratops Supply Desk

Birthday Mystery Explorer

## Presented to Birthday Explorer

Team member: \_\_\_\_\_

For completing Triceratops Supply Desk with curiosity,  
teamwork and kindness.

The supply record is correct. The imaginary camp has what it needs.  
Thank your team for checking the evidence together. Confirmed:  
Record A, code 03007.

Date: \_\_\_\_\_

Host signature: \_\_\_\_\_

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