Dinosaur Egg Patrol

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. Return the birthday egg to its matching nest. 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 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.

No locks, purchases or cutting required. Keep all clues at a low table. Scissors are optional and for adults only.

Dinosaur Egg Patrol

HOST ONLY - solution guide

1. Trail: 5

The connected corridor branches and rejoins; both branches lead to the bottom-right exit labelled 5. The top-right and bottom-left exits are isolated.

2. Eggs: 7

A fails striped; C fails not-round; only B meets all three requirements and gives 7.

3. Shell: 4

The unique order is Find the nest > Check the marks > Carry the egg > Record the return; position 2 carries 4.

4. Scales: 6

Subtract 2 from 20, divide by 3 to get 6. Check 2 × 6 + 5 = 17.

5. Nest: 3

Only NEST3 has every letter in the correct order; the next square is 3.

6. Final: 0427

candidate-elimination: Compare all five clue digits against each row; only Parcel A matches.. Keep leading zeroes.

Dinosaur Egg Patrol

HOST ONLY - timeline and paper check

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

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

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

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

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

5 minutes: Solve Nest; 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! Dinosaur Egg Patrol 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.