

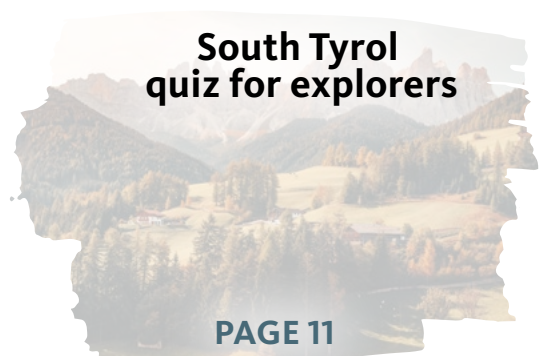
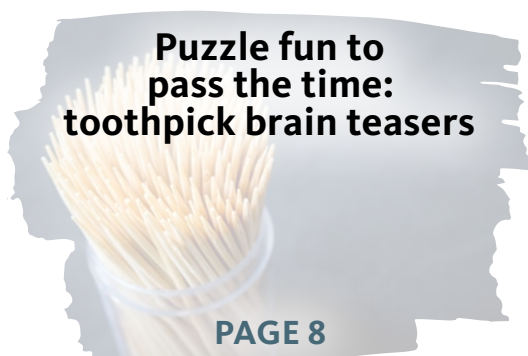
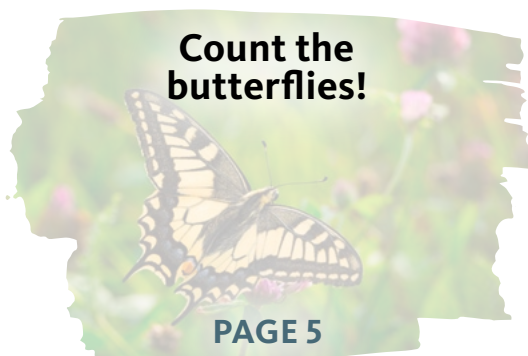
**FAMILIEN  
HOTELS** SÜDTIROL

# Puzzles and games for curious kids



How do you pass the time on rainy days? How do you satisfy the curiosity of little puzzle lovers? We've created three puzzles and included a special tip for inquisitive kids.

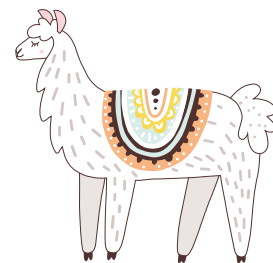
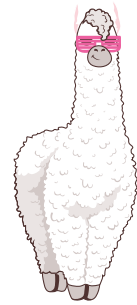
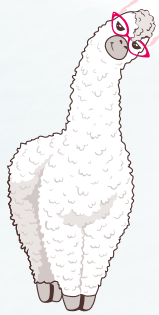
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# Alpaca hunt

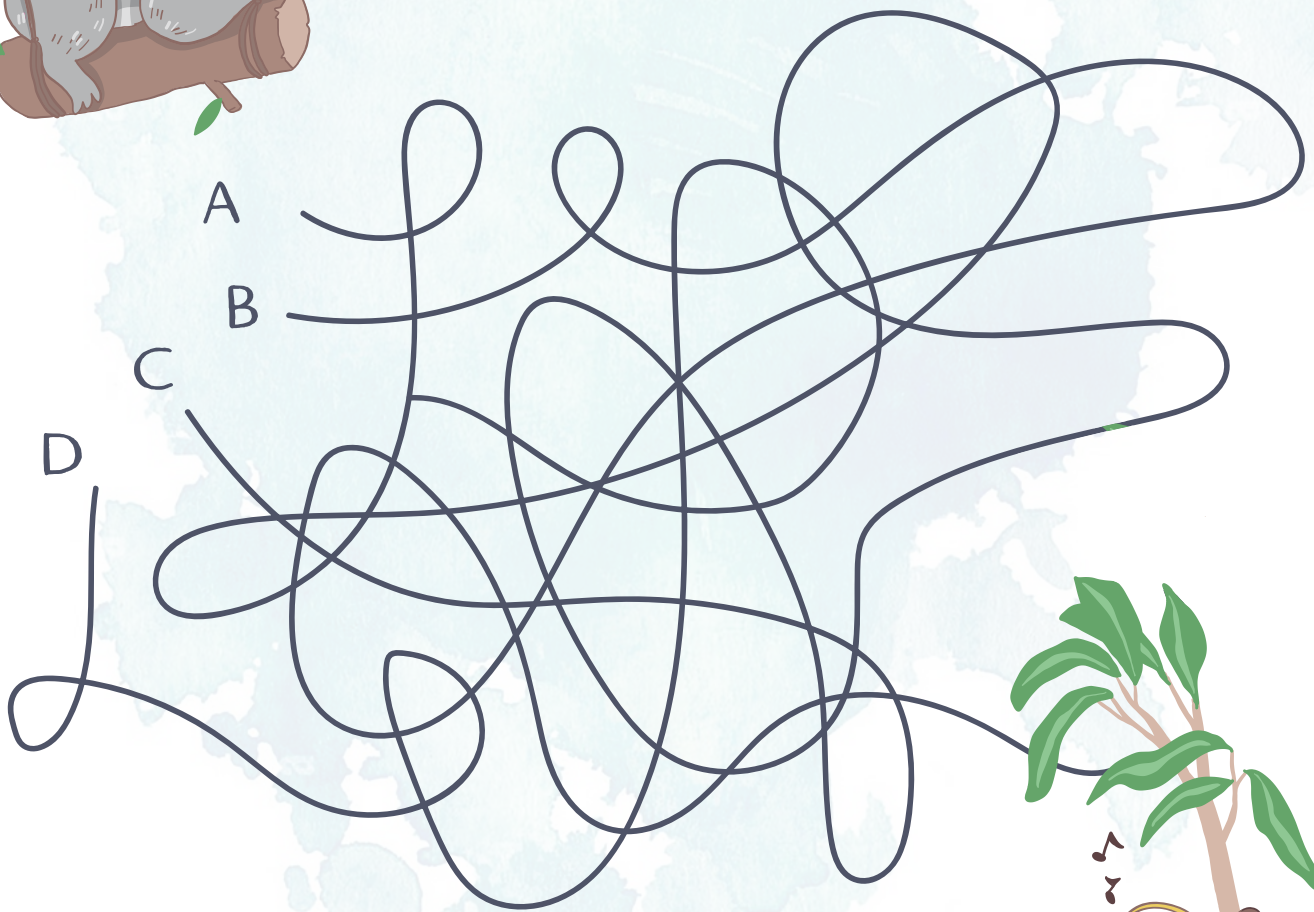
This picture is full of alpacas. Every alpaca has a twin – except for one.

Can you find out which alpaca only appears once?

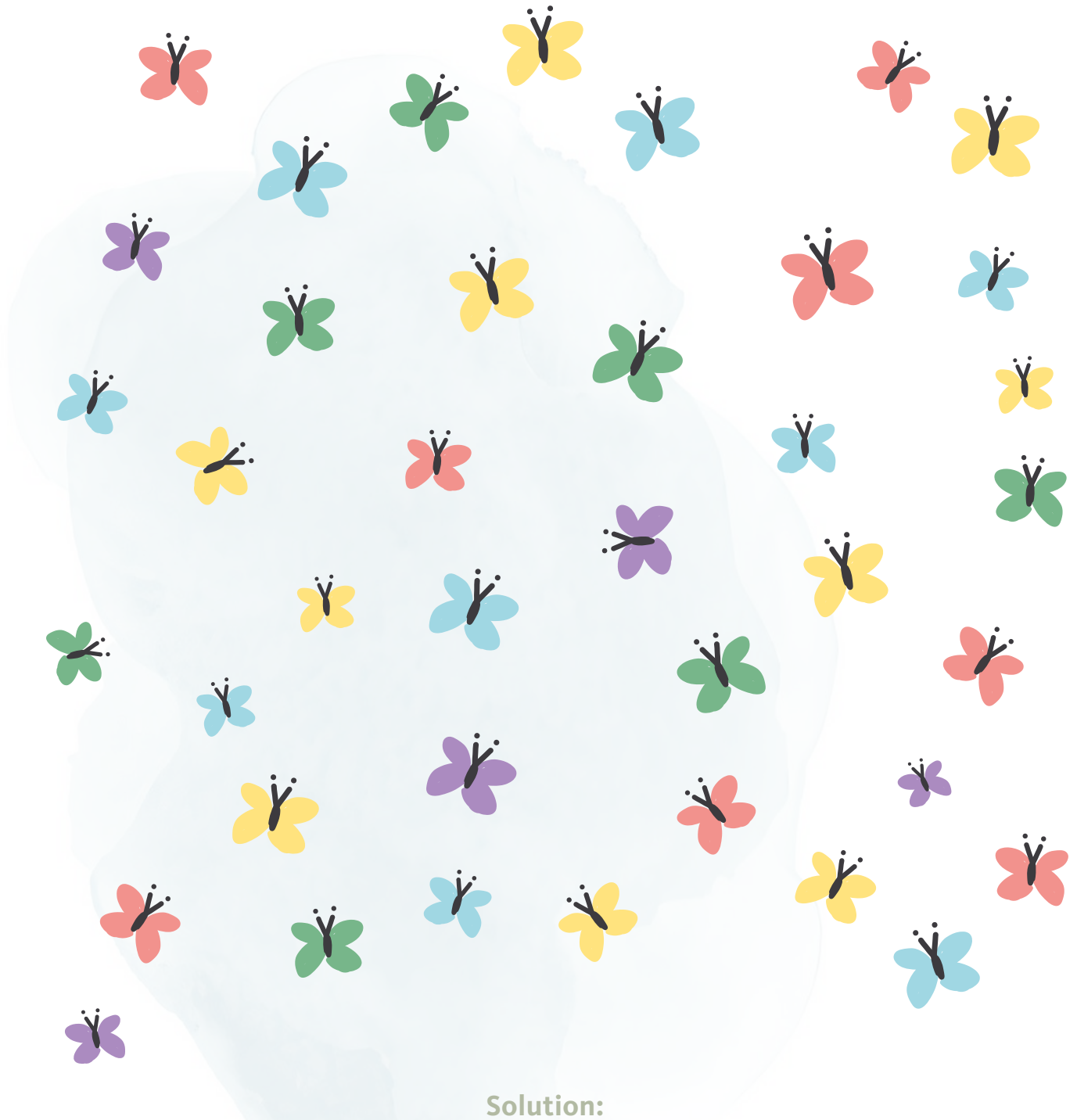


# Find the right path!

The koala and the sloth want to take a nap together – but how can the koala find its way to the sloth?



# Count the butterflies!



Solution:



Blue butterflies



Red butterflies



Yellow Butterflies



Green butterflies



Purple butterflies



# Mountain code breaker

An exciting adventure awaits high up in the mountains: you have to crack the mountain code. It's a mysterious number key – hidden behind symbols, colours, and small clues. To break it, you'll need clever minds, a little patience, and a lot of team spirit.

Try, experiment, and have fun together – in the hotel room, at a mountain hut, or at home. It's not about language, but about logic, patterns, and observation – ideal for all age groups.

**Can you crack all the codes?**

## Puzzle 1: A pair

**Task:**

There are ten white socks and ten black socks in a bag. What's the minimum number of socks you have to take out to get a pair?

## Puzzle 2: Sticks

**Task:**

How many ends do two and a half sticks have?

## Puzzle 3: Months

**Task:**

Some months have 30 days, others 31. How many months have 28 days?

## Puzzle 4: Mountain creatures

**Task:**

A fox ran through the snow first. Then came a badger. Then a deer. They all left behind tracks. Each animal is assigned a number:

Fox = 3

Badger = 5

Deer = 2

The children find the tracks in the snow in the following sequence: deer – badger – fox – fox

What is the code?

**PS:** Use the second number for the final mountain code.

## Puzzle 5: On the bus

**Task:**

There are 12 passengers on a bus. When the bus stops, eight of them get off and seven new passengers get on. How many people are on the bus now?

## Puzzle 6: The competition

**Task:**

You're taking part in a race. After a while, you overtake the person in third place. What place are you now in?

## The finale:

Enter the mountain code here:



# Puzzle fun to pass the time: toothpick brain teasers

If the kids are getting bored – waiting in a restaurant, on a rainy afternoon, or between activities – you can keep them occupied with matchstick or toothpick puzzles.

These simple sticks can be used to set tricky tasks that encourage logical thinking, creativity, and patience – without a screen in sight. Just grab a few toothpicks and you're ready to begin!

## Puzzle 1: Make the square disappear.

Place four toothpicks in a square.

### Task:

You're only allowed to move one toothpick. How can you make the number 4?



## Puzzle 2: Turn 3 into 2.

Use three toothpicks to make a Roman numeral: III

### Task:

Move one toothpick so that only the number 2 (II) is visible.





### Puzzle 3: Make a hit from nil.

Spell out the word N I L with toothpicks (all capital letters)

**Task:**

Move 2 toothpicks to make the word H I T.



### Puzzle 4: Turn one triangle into two.

Place 3 toothpicks in a triangle.

**Task:**

Pick up a fourth toothpick: where can you place it to turn one triangle into two equal-sized triangles?



### Puzzle 5: Correct the sum.

Lay out the following sum with toothpicks:

$$VI + IV = IX$$

**Task:**

You're only allowed to move one toothpick: how can you make the sum correct?



## Puzzle 6: Turn one square into two rectangles – using 5 toothpicks.

Make a square using four of the toothpicks.

### Task:

You can only add one toothpick – how do you create two equal-sized rectangles?



## Puzzle 7: Fly in a glass.

Use 5 toothpicks to make a “glass” and put a “fly” (e.g. a small object) inside it.

### Task:

Move three toothpicks so that the fly is outside the glass.



# South Tyrol quiz for explorers

Test your knowledge of the mountains, nature experiences, and the Familienhotels Südtirol!

**1. How many languages are spoken in South Tyrol?**

- A) 1 – German
- B) 2 – German and Italian
- C) 3 – German, Italian, and Ladin

**2. How many mountains in South Tyrol are over 3,000 metres high?**

- A) 50
- B) 150
- C) More than 300

**3. Approximately how old is Ötzi?**

- A) 500 years old
- B) 2,000 years old
- C) More than 5,000 years old

**4. How many different types of cheese does South Tyrol have?**

- A) 10
- B) 50
- C) More than 100

**5. What animals can you see high up in the South Tyrolean mountains?**

- A) Foxes and rabbits
- B) Marmots, chamois, and lynx
- C) Kangaroos

**6. Who runs the Familienhotels Südtirol?**

- A) Big corporate groups
- B) Exclusively families
- C) Travel agencies



**7. What is the Nature Programme by Familienhotels Südtirol all about?**

- A) Restful sleep in a hotel bed
- B) Adventure, handicrafts, and research in nature
- C) Just painting in the craft room

**8. Who supervises the children in the Nature Programme?**

- A) The parents
- B) They're not always supervised.
- C) Trained nature educators and child carers

**9. What winter experiences do the hotels offer?**

- A) Skiing only
- B) Skiing and eating ice cream
- C) Skiing, tobogganing, snowshoeing, and ice-skating

**10. Where do marmots live in winter?**

- A) In a warm bed at a hotel
- B) In a deep burrow underground
- C) In a tree house

**11. What happens to the snow on the mountains in spring?**

- A) It slowly melts and turns into water for rivers and lakes.
- B) It turns blue.
- C) It flies into the sky.

**12. What is "Törggelen"?**

- A) A dance in the snow
- B) A South Tyrolean autumn tradition with chestnuts, cabbage, meat, and grape juice
- C) A snowball fight

**13. Which animal is a symbol of many South Tyrolean regions?**

- A) Eagle
- B) Penguin
- C) Donkey

**14. How do you say "hi" in Italian?**

- A) Hola
- B) Ciao
- C) Salut

**15. Which dishes are typical of South Tyrol?**

- A) French fries and pizza
- B) Knödel dumplings, apple strudel, and Speck bacon
- C) Sushi



**16. What makes the Dolomites so special?**

- A) They're made of sand.
- B) They're completely flat.
- C) They're a UNESCO World Heritage site.

**17. What is a mountain pasture?**

- A) A playground
- B) An animal
- C) A meadow with huts in the mountains

**18. How long does winter often last in the South Tyrolean mountains?**

- A) 1 week
- B) From November to April
- C) Only over the Christmas period

**19. Why is South Tyrol called "South" Tyrol?**

- A) Because it's at the South Pole.
- B) Because it's the southern part of the historic Tyrol region.
- C) Because it's in the south of Italy.

**Who can answer the most questions correctly? Your prize: pride!**



# Solution

## Mountain code breaker

**Puzzle 1:** 2

**Puzzle 2:** 6

**Puzzle 3:** all 12 months

**Puzzle 4:**  $2 - 5 - 3 - 3$

**Puzzle 5:** 12 (11 passengers and 1 bus driver)

**Puzzle 6:** 3

## Puzzle fun to pass the time: toothpick brain teasers

**Puzzle 1:** Remove the top toothpick and place it vertically under the right-hand toothpick. Now you can see a 4.

**Puzzle 2:** Remove one of the outer toothpicks.

**Puzzle 4:** Place the toothpick lengthwise in the middle – now the large triangle is divided into two small ones.

**Puzzle 5:** Turn the IX (9) into X (10) → then: VI + IV = X → is correct!

**Puzzle 6:** Place the 5th toothpick lengthwise in the centre to create two rectangles

**Puzzle 7:** "Move" your toothpick glass to the left or right. If you move it to the left, take the two toothpicks on the right and the base of your glass and simply move them to the left-hand side. Now the fly is outside, to the right of the glass. The same works in reverse.

## South Tyrol quiz for explorers

1. Solution: C
2. Solution: C
3. Solution: C
4. Solution: C
5. Solution: B
6. Solution: B
7. Solution: B
8. Solution: C
9. Solution: C
10. Solution: B
11. Solution: A
12. Solution: B
13. Solution: A
14. Solution: B
15. Solution: B
16. Solution: C
17. Solution: C
18. Solution: B
19. Solution: B



**Have fun  
puzzling,  
solving,  
and playing!**

**FAMILIEN  
HOTELS** SÜDTIROL

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