

## Max the Monkey's Addition Adventure

*Learning objective: To practice adding two 4-digit numbers using the column addition method with exchange.*

Max the Monkey loves to solve math puzzles! Help Max add up his fruit collection by using column addition. Remember to start from the ones column on the right. If a column adds up to 10 or more, remember to 'carry' the extra ten into the next column.

*Word bank: column · total · exchange · digit · plus · sum*

**1. Max has 2,456 bananas and 1,327 apples. Set these numbers out in columns and find the total sum. (2 marks)**

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**2. Max finds 3,582 red berries and 2,145 blue berries. Write down the calculation and solve it. (2 marks)**

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**3. Max spends £4,250 on a new treehouse and £1,675 on climbing ropes. What is the total cost in pounds (£)? (2 marks)**

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**4. Explain in your own words: Why do we 'carry' a number to the next column during addition? (2 marks)**

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*Extension challenge: Max has a basket that can hold 8,000 pieces of fruit. If he adds 4,500 pieces to 3,800 pieces, will his basket overflow? Explain how you know.*