# Summer Holiday Logic Puzzle (Level 2) 

Four friends met up at the beach. Can you work out how each of them got there, what activity they did at the beach, and what flavour of ice cream they ate?

- The friend who went swimming is Angus.
- Erin did not come by bus or by car.
- The friend who had vanilla ice cream is Omar.
- Of the friends who walked to the beach and who came by car, one went rock pooling and the other had lemon sorbet.
- The friend who had chocolate ice cream is not Angus.
- Omar did not go rock pooling.
- The friend who made sandcastles did not come by bus.
- Either the friend who had strawberry ice cream or the friend who had lemon sorbet made sandcastles.
- The friend who came by train had a flavour of ice cream that starts with the same letter as their first name.


# SPOILER ALERT! 

 solution below| Summer Holiday Logic Puzzle (Level 2) |  | NAME |  |  |  | TRANSPORT |  |  |  | ACtivity |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\left\lvert\, \begin{aligned} & \frac{0}{20} \\ & \stackrel{\rightharpoonup}{4} \\ & \frac{1}{2} \end{aligned}\right.$ |  |  |  |  |  | ৩̄ | - |  |  |  |  |
|  | Strawberry | X | X | X | $\checkmark$ | X | $\checkmark$ | X | X | X | $\sqrt{ }$ | X | X |
|  | Vanilla | X | X | $\checkmark$ | X | $\checkmark$ | X | X | X | X | X | X | $\checkmark$ |
|  | Chocolate | X | $\checkmark$ | X | X | X | X | X | $\checkmark$ | X | X | $\checkmark$ | X |
|  | Lemon sorbet | $\sqrt{ }$ | X | X | X | X | X | $\sqrt{ }$ | X | $\sqrt{ }$ | X | X | X |
| $\stackrel{\rightharpoonup}{2}$ | Swimming | $\sqrt{ }$ | X | X | X | X | X | $\sqrt{ }$ | X |  |  |  |  |
|  | Making sandcastles | X | X | X | $\checkmark$ | X | $\checkmark$ | X | X |  |  |  |  |
|  | Rock pooling | X | $\sqrt{ }$ | X | X | X | X | X | $\checkmark$ |  |  |  |  |
|  | Flying a kite | X | X | $\checkmark$ | X | $\checkmark$ | X | X | X |  |  |  |  |
|  | Bus | X | X | $\checkmark$ | X |  |  |  |  |  |  |  |  |
|  | Train | X | X | X | $\checkmark$ |  |  |  |  |  |  |  |  |
|  | Car | $\checkmark$ | X | X | X |  |  |  |  |  |  |  |  |
|  | Walk | X | $\sqrt{ }$ | X | X |  |  |  |  |  |  |  |  |

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