

Solution

Pupil should read both bar charts and determine which day Mr Wilson should choose to go to Dunluce Castle based on the number of replies in each bar chart.

Pupils could use a strategy of giving 'most like' replies a positive value and 'least like' replies a negative value.

For each day, they can then add the number of 'most like' replies to the number of 'least like' replies to get a total number of replies for each day.

Monday

Has the fourth biggest 'most like' replies (4) and the fourth biggest 'least like' replies (6)

$$(+4) + (-6) = -2$$

Tuesday

Has the third biggest 'most like' replies (7) and the fifth biggest 'least like' replies (2)

$$(+7) + (-2) = +5$$

Wednesday

Has the biggest 'most like' replies (9) and the biggest 'least like' replies (8)

$$(+9) + (-8) = +1$$

Thursday

Has the fifth biggest 'most like' replies (2) and the joint second biggest 'least like' replies (7)

$$(+2) + (-7) = -5$$

Friday

Has the second biggest 'most like' replies (8) and the joint second biggest 'least like' replies (7)

$$(+8) + (-7) = +1$$

The day with the biggest number of 'most like' replies is Tuesday, with +5.

Pupils may also read the two bar charts and arrive at their own conclusions. For example, when interpreting both bar charts they recognise and communicate that while Wednesday has the biggest number of 'most like' replies it also has the biggest number of 'least like' replies; however, Tuesday has the biggest positive difference between 'most like' replies and 'least like' replies.

