

Monday Green Challenge

Here are plans of two school fields.

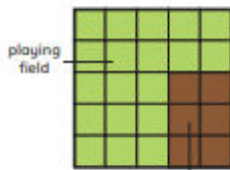
Each has a playing field and a vegetable patch.

High Street School



playing field

Main Street School



vegetable patch

a) What is the difference in the area of the playing fields?

The difference in area of the playing fields is squares.

b) What is the difference in the area of the vegetable patches?

The difference in area of the vegetable patches is squares.

c) High Street School doubles the size of its vegetable patch.

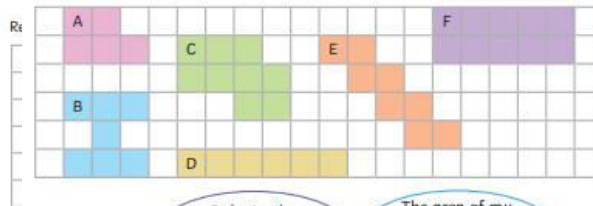
Main Road School adds 1 square to its vegetable patch.

Which school now has the larger vegetable patch?

Show your working.

_____ School now has the larger vegetable patch.

Read these descriptions about the area of each shape. Can you work out which shape belongs to each child?



Child	Area	Shape
Holly		
Silas		
Craig		
Shashank		
Lindsey		
Nuala		

Holly: The area of my shape is an odd number.
 Shashank: My shape has the smallest area.
 Craig: Only 1 other shape has a greater area than my shape.
 Nuala: The area of my shape is greater than 8 and it is symmetrical.
 Lindsey: The area of my shape is greater than 1 other shape.
 Silas: The area of my shape is greater than 6 squares but it does not have the greatest area.

Thursday Green Challenge

Here are plans of two school fields.

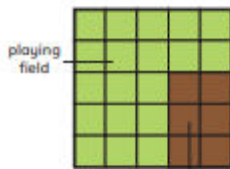
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vegetable patch

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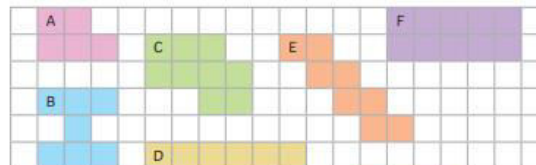
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