

GREENHOUSE LEARNING

The Aliens Have Landed – Shape Investigation (ANSWERS)

Black	White	Black	White	White	Black	Black	Yellow	Grey	Black
Black	Black	Black	White	White	Black	Black	Yellow	Yellow	Black
White	Grey	Black	Green	Green	Black	Black	White	White	White
Black	Grey	White	Green	Blue	Blue	Blue	Blue	Blue	Blue
Black	Grey	White	Green	Blue	Green	Green	Green	Green	Black
White	Grey	Black	Green	Blue	Blue	Blue	Blue	Blue	Black
White	Grey	Black	Green	Green	Green	Green	Green	Blue	White
Black	Black	Black	Black	White	White	Black	Black	Blue	Black
White	Grey	Grey	Grey	Yellow	Grey	Black	Black	Blue	Black
White	Black	Black	White	Black	Black	Blue	Blue	Blue	White
KEY:	Town Building	School	Park	Water					

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Print the town plan above or copy it very carefully by drawing a 10x10 grid and filling in the spaces that are already there.

The aliens have landed in Little Villagehampton. But they come in peace.

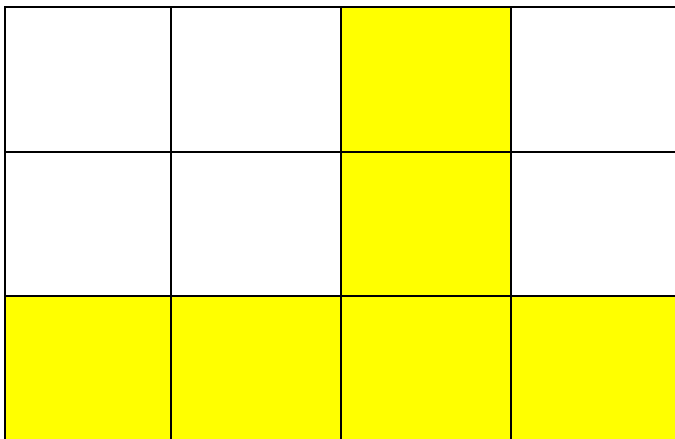
They want to build and become part of the village, and have no intention of knocking anything down or building on top of anything that is already there, including water and parkland. That would be against everything they stand for.

There is also an alien law which states that no alien building can touch another alien building.

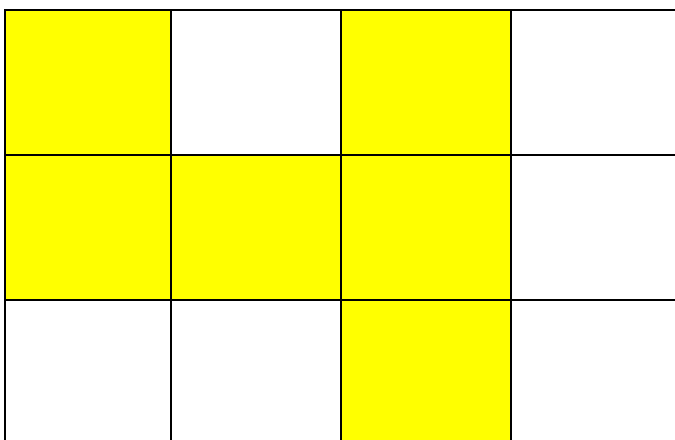
They need to build a garage for their space ship. It must be **2x2** and painted **yellow**. It must be next to a **water** source, as their spaceships run on water.

They need to build a gym. Lots of aliens use the gym, so it is quite large. It must be **2x3** with at least part of it touching **park land** (these aliens enjoy tennis). Make the gym **yellow** too.

The alien nursery is a very odd shape, but it has to be this way. It looks like this.



The alien university is also an odd shape. It looks like this.



And the aliens need places to live. They will build six 1x2 blocks of flats.