

Investigation Guide Coloured Squares (Task 112)

This investigation assumes that you are familiar with the task and have played it a few times.

Challenge:

Coloured Squares uses a four by four grid.

- What would happen if you used a five by five grid and five different coloured squares?
- Would this task still work?

Task:

Arrange the tiles on the board so that when you look in

- each row
- each column
- each long diagonal

you cannot see two colours the same.

Record your solution on square graph paper.

Can you find a different solution and record it?

Is there a strategy you can use that makes solving the task easier?

Maths Journal:

Record in your Maths journal the strategies you used to help you complete the task.