The Impossible Grid

Sections

Joey Scouts
Cub Scouts
Scouts
Venturer Scouts
Rover Scouts

Scouts VICTORIA

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Challenge Areas

COMMUNITY
CREATIVE
OUTDOOR
PERSONAL GROWTH

Scout Method Elements

COMMUNITY INVOLVEMENT
LEARNING BY DOING
NATURE AND THE OUTDOORS
PROMISE AND LAW
PERSONAL PROGRESSION
PATROL SYSTEM
SYMBOLIC FRAMEWORK
YOUTH LEADING, ADULTS SUPPORTING

SPICES Growth Areas

CHARACTER
EMOTIONAL
INTELLECTUAL
PHYSICAL
SOCIAL
SPIRITUAL

The Adventure

Have a go at this AWESOME maths challenge from 9th Box Hill and 1st Mont Albert Scouts! Can you work out the impossible grid?!

Plan

Take 9 sheets of paper, and label each with a number from 1 to 9.

Do

Your challenge is build a 3x3 grid using the numbers 1-9 so that the three numbers in each column, row and diagonal add together to make 15.

Good luck!

Review

- What problem solving skills did you use to work out the grid?
- Do you think there could be another way to approach the challenge?
- How did you work with your patrol to solve the grid?
- Did you try the variation? Was it easier, harder, or the same? Why?

Variations

For an extra challenge, try complete the grid using numbers 41-49. Every column, row, etc. must add up to 135.