MathsJam Shout
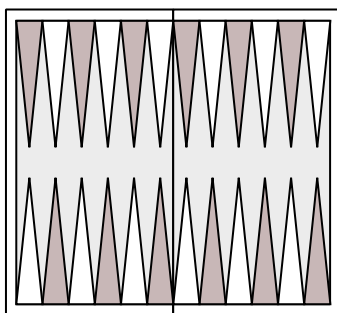
This month's activites are drawn from talks at this year's **MathsJam Annual UK Gathering**, which takes place in November in a conference centre near Stoke. It brings together recreational maths fans from all over the UK to share interesting maths puzzles and ideas. For more information, visit **mathsjam.com/gathering/uk** or watch the video at **bit.ly/UKMJ-trailer** for a flavour of what the event is like.
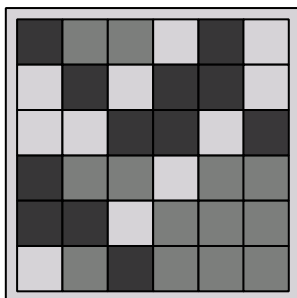
Play
Backgammon

Colin Wright brought along the game of Backgammon, and shared some interesting techniques for calculating who's in the lead. Print the board and pieces and grab two dice, or find a proper set, to learn how to play.

Printable board: bit.ly/bkgm-board
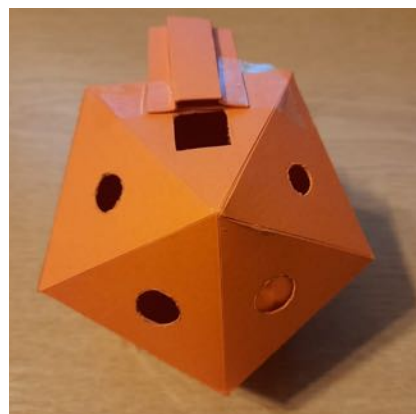**Backgammon rules: bkgm.com/rules.html**

Puzzle Unruly

Miles Gould has been having fun playing with the puzzle game Unruly – otherwise called Takuzu, Binairo, or Sudoku Binary, and shared some harder variations. Maybe you'd like to play?

Online version of Unruly: bit.ly/unruly-online
Android version:
chris.boyle.name/projects/android-puzzles
iOS version: hewgill.com/puzzles

Make
Origami Icosahedral Ocarina

Sam Hartburn has found origami folding instructions to make a paper ocarina – print the folding pattern on card, cut out and assemble for a mathematical musical instrument!

Origami Icosarina: bit.ly/origami-icosarina