



## The Shannon Switching Game

### Make Your Own Game

Now you can get creative and draw your own diagrams.

You do not really need to draw houses and trees: all you need is a collection of points joined together by lines. You can draw as many points and lines as you wish.

Try and draw a diagram where:

- Join has a winning strategy
- Cut has a winning strategy
- The player who starts has a winning strategy

Then challenge your friends and classmates.

Email your diagrams to [funwithmaths@maths.ed.ac.uk](mailto:funwithmaths@maths.ed.ac.uk)

We will use the most interesting ones for future activities, and write your name on them if you want 😊