

The Rock Scissors Challenge Video Transcript

Music Plays

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Victorian Maths Challenge.

The Rock Scissors Challenge.

SCENE 1

Host

Welcome to the Rock Scissors Challenge. Hi, I'm Verity and I'm an Economist.

Economists do many things. I like to think of an economist as a person that makes decisions about the best way we can use the resources we have. Resources can include anything, from staff, money, to something as simple as apples.

Some economists work in a field called Game Theory, which helps us understand the best decisions we can make in certain situations. This challenge is taken from that field, and will get you thinking strategically, like an economist.

SCENE 2

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Maths Concepts.

Host

Economists use lots of maths and they spend a lot of their time thinking about the price of things, and how many resources they have.

In this Challenge, you and your family are going to play a strange game of Rock Paper Scissors, but in this version, we're only going to use two of those resources; with paper being cut-out of the game.

But this is more than just a game of chance. When you're playing the game, you should make sure you're thinking about three different things.

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YOUR STRATEGY.

Host (*off-screen*)

So first of all, what decision can you make that will bring you the greatest reward?

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YOUR OPPONENT'S STRATEGY.

Host (*off-screen*)

But then you also need to think about what your opponent will do.

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MAXIMISE YOUR REWARD.

Host (*off-screen*)

And finally, what you can do then to maximise your reward.

Host

You might be surprised by what strategies work best

SCENE 3

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The Challenge.

Host

Check out the website for more details on how to play the game, and make sure you remember, it's really important that you don't talk about your strategies until after you've finished playing the game.

Remember to also check out the 'Keep Going' section, where there's another opportunity for you to play an Economics game.

Well that's it from me. Remember to take plenty of videos and photos, and share then on the challenge page.

Good luck and have fun with the challenge!

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The Education State. Victoria State Government.