Hey Milo - do you think you can jump onto a liquid and not sink?

Find a place where it's OK to get messy. Mix some of the cornflour and water together into a thick paste. Keep mixing it until it's ankle-deep.

What you need: • About 8g of cornflour
• Water
• A bucket or bowl

Jump very suddenly onto the mixture. Try jumping on and off, or standing still.

You shouldn't sink if you jump suddenly, but if you stand on it...

...you'll gradually sink. The mixture is a special type of liquid that gets less runny when you stir it and turns solid if you hit it hard. The force of the impact makes the starch in the cornflour clump together so it supports your weight at first.

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