Up the Ladder

GAME

> You need: three sets of digit cards (0–9), some classmates

How to play:

- Each player draws a ladder with 10 rungs.

- Shuffle the three sets of cards together.

- Take turns to draw a card until each player has three cards.

- Each player makes a 3-digit number and chooses a rung to write it on. (Put these cards aside.)

- Continue making 3-digit numbers and recording them on the ladder rungs in the correct order between 100 and 1 000. (When the cards run out or none of the players can use their cards in that round, reshuffle all the cards.)

- Lose a turn if you cannot make a 3-digit number that fits between two other rungs. (Return these cards to the bottom of the pile.)

- The winner is the first player to fill their 10 rungs.

ACTIVITY

Here are Vanna's and Logan's scores after nine rounds. (Neither player has had to miss a turn.) In round 10, Vanna's first card is a 3 and her second is a 9. Logan's first card is an 8, and his second is a 4. Who has the best chance of winning in round 10?

Vanna	Logan
968	893
791	863
	727
534	602
476	559
428	541
326	407
270	
106	218
103	195