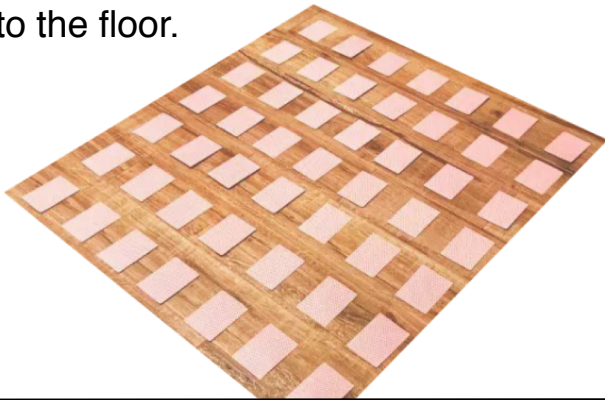# Creative Families @ Home

Family Coding with Cards

YOU DON'T NEED A LAPTOP OR TABLET TO GET STARTED WITH CODING. TRY THIS SUPER SIMPLE CHALLENGE, USING JUST A DECK OF CARDS AND A FEW SMALL TOYS.

Make a 7x7 grid of cards. Use masking tape if you have some to hand, to secure them to the floor.

Choose a toy to use as your robot. This can be anything small enough to fit on a single card. Then choose a few more toys to cause chaos.

FINISH

START

Place your robot where you would like to start and extra toys to block the route. Ask your child to give you simple instructions. Get to the finish avoiding the obstacles. (Forward, Backward, Left and right). For younger children, one command at a time is fine. To make things a little harder, ask your child to right down the instructions, before attempting to get across the cards.