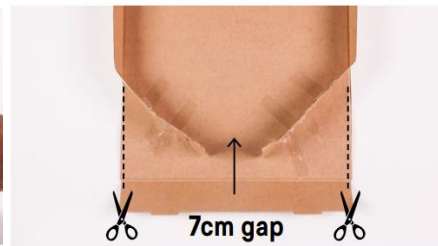


## DL Kids Creative - Make a Pinball Machine

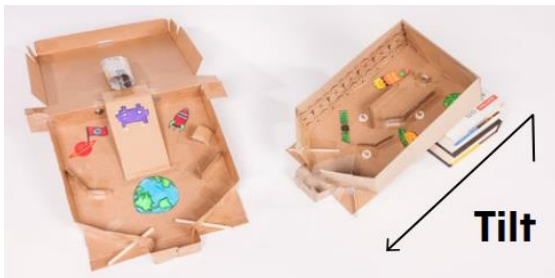
**Suggested Materials:** The best boxes to use for this task are pizza boxes or shallow shoe boxes or you could create the same shape using cardboard. Lolly Sticks, coloured pens/pencils, marbles or small balls.

### Design Time

- Unfold one end of your box so that the flaps glued to the inside of the box come free
- Cut a small slit in each flap, cutting roughly halfway across. We will slot lollypop sticks in these later to make flippers.
- Using the photos below angle the flaps and stick them down with tape leaving a gap between them of about 7cm.



- Make an obstacle course or maze on the base of your box which will include things the marble will bounce off or run around. Here are some ideas of things to include...
  - Curves
  - Arches
  - Ramps
  - Tunnels
- Create these using other cardboard scraps, card or paper.
- Use paint and pens to add colour to your pinball machine and obstacles.
- Draw designs on paper and cut them out to stick on the inside of your pinball machine to decorate it.



- Now your pinball machine is ready it's time to give it a go!
- Use marbles or a small ball and a book or two to prop up the back of their machine.
- Children should place their marble next to one of the flippers and use the flippers to hit it up into the machine. When it rolls back down they need to hit it again and try to keep it in the machine for as long as possible. Enjoy!