# **Scratch logo and symbol, meaning, history, PNGAsteroids 2: wrap-around universe**

A screenshot of a phone

Description automatically generated with medium confidence*Notice that your spacecraft stops at the edge of the screen. Traditional Asteroids is a wrap-around universe where anything that disappears off one side, reappears at the other side.*

The Scratch window has an **x** dimension that runs from left to right from (around) -240 to +240. The **y** dimension runs bottom to top from (around) -180 to +180. The **origin** 0,0 is in the middle.

* You can check the screen dimensions by flying your ship around.
* After moving the ship we need to detect if it has run into one of the four sides.
* Use if statements to test the x and y positions of the ship.
* If the ship has gone off one edge, reposition it at the opposite edge.
* Fly your ship around now. What’s the effect?