## Level 4

## **Scratch Card - Wheels**



These projects are for use outside the UK only. More information is available on our website at <a href="http://www.codeclub.org.uk/">http://www.codeclub.org.uk/</a>. This coursework is developed in the open on GitHub, <a href="https://github.com/CodeClub/">https://github.com/CodeClub/</a> come and join us!



To make a wheel appear to move, we want to **rotate** it by a small amount and move it by a small amount when we receive a **movement broadcast**.

```
when I receive moved left v

change x by move speed * -1

turn ) 15 degrees

stop this script v

when I receive moved right v

change x by move speed

turn (* 15 degrees

stop this script v
```

If you wanted, you could replace the values with variables like move speed, so you could control the speed in all directions from one place.

(Notice how we have to multiply moveSpeed by -1 to get the negative value?)

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