# **Scratch logo and symbol, meaning, history, PNGAsteroids 9: Speedy asteroids**

*The asteroids (rocks) tumble through space at the same speed. To make the game more interesting we’ll make them speed up when hit.*

1. **Graphical user interface, application

   Description automatically generated**Create a variable for the asteroid speed. Each one has a different speed so create a variable for this sprite only:  
   Variables > Make a Variable > **For this sprite only** > called **speed**
2. The “**for this sprite only”** part is *really important* because you can’t change it later.
3. In the startup code, set the initial speed to a slow 1.
4. The motion of the asteroid is performed in the tumble block. Change **move** to use the speed variable (see the code over the page).
5. A picture containing chart

   Description automatically generatedMake it speed up when hit. Double the speed by multiplying it by 2.

Graphical user interface

Description automatically generated with medium confidence

*Try it out – it should be much harder to hit the little asteroids now!*