Motor Object Diagram

*The Motor is an Alien’s way to move around the playspace.*

Macintosh:Users:Snake:Documents:NPS Space Certificate:SE4900 Biologically Inspired Design:Project:Space Shooter Mod:assets:png:Alien.png

* **Mass**: number used to calculate the overall mass of the Alien. Used when calculating speed of Alien.
* **Energy Cost**: number that indicates how much of the battery this uses each time the Alien moves.
* **$ Cost**: positive integer used to calculate the overall cost of the Alien.
* **Force**: number that indicates how much force this motor can exert. Used when calculating speed of Alien.
* **Friction**: positive number that indicates how much friction this mode of transportation has. Numbers 0 to 1 (exclusive) reduce the speed of the Alien. Numbers above 1 increase the speed of the Alien.