**Alien Growth Model Rules**

These are the rules for an alien population that we will try to model:

* Each day they gather in groups of seven to feed and reproduce
* Excess individuals can not form a group.
* Each individual eats 0.25kg of food per day.
* They will produce three offspring per group per (earth) day if excess food is available.
* If the food is insufficient, two of the group will perish each day.
* The rates of population change seem not to be influenced by the amount of food surplus or shortage
* At the end of a day these groups get dissolved, and the next day starts with new groups of ten again.