Student Name:_____                              Version 1.0

# Crew Member Creation

**Character:**
- Name: _____
- Age: _____
- Gender: _____
- Height: _____
- Weight: _____

**Species(pick one):**
- ☐ Humanoid
- ☐ Cephalopod
- ☐ Insectoid
- ☐ Reptilian
- ☐ Metamorphic

**Specialty(pick one):**
- ☐ Diplomacy
- ☐ Medical/Science
- ☐ Pilot/navigation
- ☐ Engineering
- ☐ Intelligence
- ☐ Security

**Hobbies (start with one):**
1. _____
2. _____
3. _____
4. _____
5. _____

**Special Skills (start with one):**
1. _____
2. _____
3. _____
4. _____
5. _____

**Character Sketch**

**Home Planet:**
- Name:_____
- Solar system:_____
- Peaceful / Warlike
- Unified / Segmented
- Other:_____
  _____
  _____

**Planet Sketch**

### Abilities:

Each ability has qualities that start with the default values for the species. Circle or highlight the current value and update it as levels increase (or decrease) through the game. This can be done in spreadsheets, or by updating this sheet.

| Ability | Details | Level |
|---|---|---|
| **Observation ($\Omega$)** (omega) | $\Omega = \dfrac{2v + 2a + 4s + l}{9}$  *(Calculate $\Omega$ and round to the nearest integer)* | 1 2 3 4 5 6 7 8 9 10 |
| Qualities: | • Investigation ($v$) | 1 2 3 4 5 6 7 8 9 10 |
| | • Awareness ($a$) | 1 2 3 4 5 6 7 8 9 10 |
| | • Sight/Senses ($s$) | 1 2 3 4 5 6 7 8 9 10 |
| | • Listening Skills ($l$) | 1 2 3 4 5 6 7 8 9 10 |
| **Question ($\koppa$)** (Koppa) | $\koppa = \dfrac{c + k + 2r}{4}$  *(Calculate $\koppa$ and round to the nearest integer)* | 1 2 3 4 5 6 7 8 9 10 |
| | • Curiosity ($c$) | 1 2 3 4 5 6 7 8 9 10 |
| Qualities: | • Skepticism ($k$) | 1 2 3 4 5 6 7 8 9 10 |
| | • ask the right questions ($r$) | 1 2 3 4 5 6 7 8 9 10 |
| **Research (P)** (rho) | $P = \dfrac{h + 2S + 2C + 2L}{7}$  *(Calculate $P$ and round to the nearest integer)* | 1 2 3 4 5 6 7 8 9 10 |
| | • History ($h$) | 1 2 3 4 5 6 7 8 9 10 |
| Qualities: | • Maths & Sciences ($S$) | 1 2 3 4 5 6 7 8 9 10 |
| | • Cultures ($C$) | 1 2 3 4 5 6 7 8 9 10 |
| | • Languages ($L$) | 1 2 3 4 5 6 7 8 9 10 |

| Hypothesis (H)<br>(eta) | $H = \dfrac{d + g + b}{3}$<br><br>*(Calculate H and round to the nearest integer)* | 1 2 3 4 5 6 7 8 9 10 |
|---|---|---|
| Qualities: | • Confidence ($d$) | 1 2 3 4 5 6 7 8 9 10 |
| | • Good guessing ($g$) | 1 2 3 4 5 6 7 8 9 10 |
| | • Bravery (b) | 1 2 3 4 5 6 7 8 9 10 |
| Experiment (E)<br>(epsilon) | $E = \dfrac{3p + R + 2n}{6}$<br><br>*(Calculate E and round to the nearest integer)* | 1 2 3 4 5 6 7 8 9 10 |
| Qualities: | • Plans into actions ($p$) | 1 2 3 4 5 6 7 8 9 10 |
| | • Risk taking ($R$) | 1 2 3 4 5 6 7 8 9 10 |
| | • Innovation ($n$) | 1 2 3 4 5 6 7 8 9 10 |
| Analysis (A)<br>(alpha) | $A = \dfrac{3B + 2M + 4J}{9}$<br><br>*(Calculate A and round to the nearest integer)* | 1 2 3 4 5 6 7 8 9 10 |
| Qualities: | • Seeing the big picture ($B$) | 1 2 3 4 5 6 7 8 9 10 |
| | • Meticulousness ($M$) | 1 2 3 4 5 6 7 8 9 10 |
| | • Logic and Reason ($J$) | 1 2 3 4 5 6 7 8 9 10 |
| Conclusion (Γ)<br>(gamma) | $\Gamma = \dfrac{2S + z}{3}$<br><br>*(Calculate Γ and round to the nearest integer)* | 1 2 3 4 5 6 7 8 9 10 |
| Qualities: | • Can tell a good story ($S$) | 1 2 3 4 5 6 7 8 9 10 |
| | • Communication ($z$) | 1 2 3 4 5 6 7 8 9 10 |

## Appendix A:

| Initial values for Species Abilities | | | | | | |
|---|---|---|---|---|---|---|
| | **Ability** | **Humanoid** | **Cephalopod** | **Insectoid** | **Reptilian** | **Metamorph** |
| **Observation** | Investigation (v) | 2 | 3 | 3 | 1 | 1 |
| $\Omega = (2v + 2a + 4s + l)/9$ | Awareness (a) | 1 | 1 | 3 | 1 | 1 |
| | Sight/Senses (s) | 1 | 3 | 3 | 1 | 1 |
| | Listening Skills (l) | 2 | 1 | 1 | 3 | 1 |
| **Question** | Curiosity (c) | 3 | 1 | 1 | 2 | 1 |
| $4 = (c + k + 2r)/4$ | Skepticism (k) | 1 | 1 | 1 | 2 | 1 |
| | Ask the right questions (r) | 3 | 1 | 1 | 2 | 1 |
| **Research** | History (h) | 1 | 1 | 1 | 2 | 1 |
| $P = (h + 2S + 2C + 2L)/7$ | Maths and Sciences (S) | 2 | 2 | 2 | 3 | 1 |
| | Cultures (C) | 1 | 3 | 2 | 1 | 2 |
| | Languages (L) | 2 | 1 | 2 | 1 | 3 |
| **Hypothesis** | Confidence (d) | 2 | 3 | 3 | 2 | 3 |
| $H = (d + g + b)/3$ | Good guessing (g) | 1 | 1 | 2 | 1 | 3 |
| | Bravery (b) | 1 | 1 | 2 | 1 | 3 |
| **Experiment** | Plans into actions (p) | 2 | 1 | 1 | 3 | 1 |
| $E = (3p + R + 2n)/6$ | Risk taking (R) | 1 | 1 | 2 | 3 | 1 |
| | Innovation (n) | 2 | 2 | 1 | 3 | 2 |
| **Analysis** | Seeing the big picture (B) | 2 | 2 | 1 | 2 | 3 |
| $A = (3B + 2M + 4J)/9$ | Meticulousness (M) | 1 | 1 | 2 | 2 | 3 |
| | Logic and Reason (J) | 1 | 3 | 2 | 1 | 3 |
| **Conclusion** | Can tell a good story (S) | 2 | 2 | 1 | 1 | 1 |
| $\Gamma = (2S + z)/3$ | Communication (z) | 3 | 1 | 2 | 2 | 1 |