**Making Aliens**

**Directions**: You will now create a creature using Mendalien genetics. Without looking, pull two allele cards for each characteristic. Fill in the chart for genotype and phenotype then draw and color your creature. This will be done on the Creature handout.

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| Head shape | Round (R) is dominant over Oval (r) |
| Eye shape | Triangles (T) are dominant over Stars (t) |
| Eye color | Purple (P) is dominant over Orange (p) |
| Number of eyes | One eye (E) is dominant over three eyes (e) |
| Nose slits | Three nose slits (N) is dominant over two nose slits (n) |
| Height | Tall (H)is dominant over short (h) |
| Number of legs | 4 legs (L) are dominant over 5 legs(l) |
| Number of arms | 2 arms (A)are dominant over 4 arms (a) |
| Skin color | Red (C) is dominant over green (c) |
| Hairiness | Hair (I) is dominant over hairless (i) |
| Hair color | Blue hair (B) is dominant over yellow hair (b) |
| Mouth shape | Wide mouth (W) is dominant over narrow mouth (w) |
| Fingers | 3 fingers per hand (F) is dominant over 7 fingers per hand (f) |

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|  | Genotype | Phenoptype |
| Head shape |  |  |
| Eye shape |  |  |
| Eye color |  |  |
| Number of eyes |  |  |
| Nose slits |  |  |
| Height |  |  |
| Number of legs |  |  |
| Number of arms |  |  |
| Skin color |  |  |
| Hairiness |  |  |
| Hair color |  |  |
| Mouth shape |  |  |
| Number of fingers |  |  |