## Decoding Alien Flowers



| bead | trait <br> color | phenotype <br> (symbol) | genotype <br> (gene <br> Hint: words |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| orange | leaf shape <br> (L or I) |  | Hint: letters |  |  |
| green | plant height <br> (T or $\mathbf{t}$ ) |  |  |  |  |
| red | root type <br> (R or $\mathbf{r}$ ) |  |  |  |  |
| clear | flower color <br> (W or $\mathbf{w})$ |  |  |  |  |
| blue | stem shape <br> (S or s) |  |  |  |  |


|  | short | bead color | $\begin{gathered} \text { trait } \\ \text { (symbol) } \end{gathered}$ | phenotype (physical appearance) Hint: words | genotype (gene combination) Hint: letters |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | orange | $\begin{aligned} & \text { leaf shape } \\ & \text { (Lor I) } \end{aligned}$ |  |  |
|  |  | green | plant height (Tort) |  |  |
|  |  | red | root type (Ror r ) |  |  |
|  |  | clear | flower color (W or w) |  |  |
|  |  | blue | stem shape <br> (S or s) |  |  |



| bead color | trait (symbol) | phenotype <br> (physical appearance) <br> Hint: words | genotype <br> (gene combination) Hint: letters |
| :---: | :---: | :---: | :---: |
| orange | leaf shape (Lorl) |  |  |
| green | plant height ( T or t ) |  |  |
| red | root type <br> ( R or r ) |  |  |
| clear | flower color (W or w) |  |  |
| blue | stem shape (S or s) |  |  |



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|  | orange | leaf shape (Lorl) |  |  |
|  | green | plant height ( T or t ) |  |  |
|  | red | root type <br> ( R or r ) |  |  |
|  | clear | flower color ( $\mathbf{W}$ or w) |  |  |
|  | blue | stem shape (S or s) |  |  |



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