On the Subject of Faerie Fires
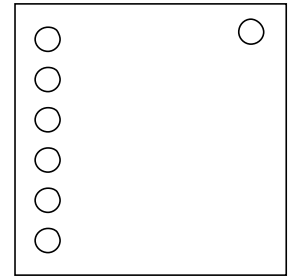
Dancing and singing is the faeries way.

Click the surface of the module and observe the way the 6 faeries behave.

What the Faeries do

- The faeries appear on the module in a specific order. Observe the order they appear in.
- They also sing when they appear. Observe the pitch of their voice in ascending order.
- The serial number is something the faeries like.

Solving the module

- After the faeries have finished their dance, click the surface and they will scuttle into their now illuminated houses.
- Press the houses in the order the faeries appeared in at specific times.
- Clicking the surface will make the faeries dance again.

When to knock on the door

- The faeries have a very strict sleep schedule. Only knock on the door when the last digit of the seconds on the timer equals their free time.
- To calculate the free time of a faerie, do the following:
  - Take the nth serial number digit, where n is equal to their spot in the song, and append the first letter of their color.
  - Convert this Base36 number to Base10 and apply the median difference to it.

Median Difference

- Take any number and calculate the absolute differences of their internal neighbouring digits.
- Repeat until 1 digit remains.
- Example: 1294 -> (12)(29)(94) 175 -> (17)(75) 61 -> 5