Each small group is assigned a spherical harmonic from the list below:

- $(\ell = 1, m = 1)$
- $(\ell = 1, m = 0)$
- $(\ell = 1, m = -1)$
- $(\ell = 2, m = 1)$
- $(\ell = 2, m = 0)$
- $(\ell = 2, m = -1)$

There is room on the balloon to draw 8 complex numbers around the equator ($\theta = \pi/2$). Similarly, complex numbers can be drawn around the balloon at $\theta = \pi/6$, $2\pi/6$, $4\pi/6$, $5\pi/6$. Example below.

Groups work independently on their spherical harmonic.