**Chromatography Worksheet**

**Activity 1**

**Data Table**

Draw each of your chromatography strips:

|  |  |  |
| --- | --- | --- |
| Black marker (Marker #1) | Marker #2 | Marker #3 |
| Marker #4 | Marker #5 | Marker #6 |

**Follow-up Questions**

Are any of the pigments the same between different marker colors?

Which pigment(s) are most attracted to water (hydrophilic)? Which pigment(s) are most attracted to paper?

**Activity #2**

**Predictions**

Do you think the candy will have multiple pigments?

Do you think that M&M’s and Skittles will use the same pigments?

**Data Table**

Draw each of your chromatography strips:

|  |  |  |
| --- | --- | --- |
| M&M #1 | M&M #2 | M&M #3 |
| Skittles #1 | Skittles #2 | Skittles #3 |

**Follow-up Questions**

Were any of your prediction correct?

Are there different combinations of pigments being used to form the same color (how can you tell)?