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## ACTIVITY 1: VIDEO REFLECTION

### Directions:

Watch the [video](#) on how Hubble works and answer the questions below.

1. What colors does the Hubble Space Telescope attribute to regions that emit large amounts of infrared radiation?
2. What colors does the Hubble Space Telescope attribute to regions that emit visible light?
3. What colors does the Hubble Space Telescope attribute to regions that emit large amounts of ultraviolet radiation?
4. What happens when Hubble combines these images of the different regions of a space object?

## ACTIVITY 2: DEEP SPACE DANCE MOVES

Directions:

Cut out the names of the deep space objects on this sheet and jumble them up. Place them in the choreography slots on the next activity sheet in the order that you pick each deep space object name up. Dance to your favorite song using this choreography!

|                     |                     |
|---------------------|---------------------|
| Spiral Galaxy       | Spiral Galaxy       |
| Elliptical Galaxy   | Elliptical Galaxy   |
| Star Forming Nebula | Star Forming Nebula |
| Planetary Nebula    | Planetary Nebula    |
| Interacting Galaxy  | Interacting Galaxy  |
| Expanding Universe  | Expanding Universe  |

## ACTIVITY 2: DEEP SPACE DANCE PARTY

Directions:

Cut out the names of the deep space objects on the “Deep Space Dance Moves” activity sheet and jumble them up. Place them in the choreography slots on this sheet in the order that you pick each deep space object name up. Dance to your favorite song using this choreography!

|   |    |
|---|----|
| 1 | 7  |
| 2 | 8  |
| 3 | 9  |
| 4 | 10 |
| 5 | 11 |
| 6 | 12 |