

# Multiwavelength Bingo

Intended for tween, teen, and adult audiences

## Modification and Preparation List

**Adapt this NASA activity for your needs!**



Image credit: Franklin Park Library Flickr

## In-Person Library or Outreach Program

### Materials

- Bingo board (one per player – the materials come with enough boards for six players to play at a time)
- Bingo calling cards
- Container, such as a bowl or box, to hold the calling cards
- Bingo flash cards
- Bingo tokens
- Baggies or envelopes to hold the calling cards and bingo tokens.

## In-Person Library or Outreach Program (*continued*)

---

### Preparation:

#### 1-3 months prior to the program:

- Review the [activity PDF](#) and [fundamental science concepts blog](#).
- Prepare and distribute promotional materials for the activity, including flyers, posters, library website, online event calendar, and social media posts.

#### The day/week before the program:

- Print the [activity PDF](#). Laminate, or print on cardstock, pages 2-9. Consider printing multiple copies of the flashcards (pages 3 and 4) to distribute to participants.
- Cut out the calling cards and put them in a baggie or envelope.
- Cut out the flashcards for patrons to share. These will be used to help them figure out what is on their bingo boards.
- Cut out the six bingo boards.
- Cut out the bingo tokens and place them in a baggie or envelope. Each participant will receive 24 tokens.

#### Day of program:

---

- Set up an area with one or more tables and at least 7 chairs for patrons to sit and play bingo.
- Lay out the six bingo boards and place 24 tokens by each board.
- Put the flashcards in the middle of the table for patrons to reference.  
*\*Alternatively, put the calling cards in the container for the “caller” to use.\**
- When participants arrive, invite them to introduce themselves. Explain the rules of the game and share some background information about the electromagnetic spectrum (page 1 of the [activity PDF](#)).
- Play bingo and have fun! Consider including prizes, such as paper diffraction glasses, for those who win (Paper diffraction glasses allow wearers to see the full color spectrum of light and can be bought in bulk online).

# Take & Make

## Material List (per kit):

*In addition to the above materials, you will need:*

- A paper or clear plastic bag to hold all the materials.

## Preparation (per kit):

- Print the [activity PDF](#). Laminate, or print on cardstock, pages 2-9.
- Cut out the calling cards and put them in a baggie or envelope.
- Cut out the flashcards.
- Cut out the six bingo boards.
- Cut out the bingo tokens and place 24 each in a baggie or envelope (six baggies/envelopes total)
- Put all of the materials, including page 1 of the activity (this has the instructions) in a paper or clear plastic bag to distribute to participants.

