

**Student Discussion Worksheet**

**Directions:** Read the article “Nobel Prize winners announced” and, if instructed, answer the questions provided by your teacher. With a partner, choose a Nobel Prize–winning advance or discovery to explore. Once you and your partner decide on an advance or discovery, read the more in-depth, online *Science News* article covering the related Nobel Prize.

Use the discussion prompts below and [the Science News archive, along with](#) other resources if needed, to develop a timeline of events that tracks the scientific progress associated with the discovery or advance you and your partner chose to explore. To access *Science News* articles that are only available to subscribers, enter your teacher’s e-mail address.

Each event on your timeline should have a date, a tweet (in 280 characters or less) summarizing the event and including key players, an appropriate hashtag (as outlined below), and links to your reference resource(s). Follow the event template provided, repeating it as many times as needed for each step in the directions. Aim to include eight to 12 events on your timeline.

1. First, create an event outlining the winning of the Nobel Prize for your timeline. The information in the event template below should be included.

Date:

Tweet (include key players):

#NobelPrizein(subject area):

Resource(s) referenced:

2. Research the work completed by the scientist(s) who won the Nobel Prize. Create one or two events for each scientist that summarize his or her major contribution.

Date:

Tweet (include key players):

#{last name of scientist}buildingblock:

Resource(s) referenced:

3. Research findings from other scientists or additional developments that advanced the work or might advance it in the future. Create at least two timeline events for these additional #buildingblocks.

Date:

Tweet (include key players):

#buildingblock

Resource(s) referenced:

4. Identify the earliest mention of the topic or concept that you think should be noted on your timeline. Create at least one event for this historical foundation.

Date:

Tweet (include key players):

#historicalfoundation

Resource(s) referenced:

5. Make a list of the dates of your events and then think about the scale of your timeline. Does your timeline span decades, centuries or millennia? Are there any large chronological gaps? If so, research whether another development should be included as an additional event. Add it, if needed.

Date:

Tweet (include key players):

#buildingblock or #historicalfoundation:

Resource(s) referenced:

6. Identify one example of impact that the Nobel Prize-winning discovery or advance has had on the world. Create an event for this impact. Then predict one future event that will occur based on the work and include it in your timeline.

Date:

Tweet (include key players):

#impact

Resource(s) referenced:

Date:

Tweet (include key players):

#futureimpact

Resource(s) referenced:

7. If instructed by your teacher, determine how you would display your timeline to present this information to your class. Try to make the presentation creative and engaging. Then, build your timeline and prepare to share it.