



Teacher Resource

2024 Nobel Prizes

Focus Questions

Discuss the BTN story as a class and record the main points of the discussion. Students will then respond to the following:

1. Briefly explain why Alfred Nobel started the Nobel Prize.
2. What was his most famous invention?
3. Give examples of the categories that a Nobel Prize is awarded.
4. The Nobel Peace Prize was awarded this year to an organisation formed by survivors of what?
5. What did you learn watching this story?

Activity: See, Think and Wonder

After watching the BTN 2024 Nobel Prizes story, students will respond to the following questions:

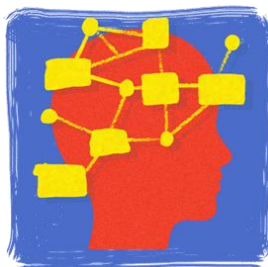
- What did you SEE in this video?
- What did you LEARN from this story?
- What do you WONDER about this story?
- What QUESTIONS do you have about this story?



Activity: Class Discussion

Discuss the BTN 2024 Nobel Prizes story as a class and record the main points on a mind map. Students will respond to the following:

- What is the Nobel Prize?
- Why is it called the Nobel Prize?
- What are the different categories in the Nobel Prize?
- Can you name some winners of the Nobel Prize? Name 2-3.



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KEY LEARNING

Students will learn more about Alfred Nobel and Nobel Prize laureates.

CURRICULUM

Science – Years 5 & 6

Scientific knowledge is used to solve problems and inform personal and community decisions.

HASS – Year 6

Develop appropriate questions to guide an inquiry about people, events, developments, places, systems and challenges.

Sequence information about people's lives, events, developments and phenomena using a variety of methods including timelines.

Civics and Citizenship – Year 7

Identify, gather and sort information and ideas from a range of sources.

Activity: Timeline Poster

Students will research the life and achievements of a Nobel Prize laureate. Students will create a timeline poster and prepare an oral presentation summarising key events in their life and their contributions to society. Below are some examples of well-known Nobel Prize laureates or choose one from the full list of laureates [here](#):

Albert Einstein

Marie Curie

Mother Teresa

Nelson Mandela

Barack Obama

Malala Yousafzai

Alexander Fleming

Theodore Roosevelt

Timeline Poster

Your students' task is to create a timeline poster, responding to the following areas of research.

Research

- Early Life - Information about the person's parents. When/where were they born? What type of education did they receive?
- Family - Personal information; were they married? Did they have children?
- Legacy - What event and/or action led to them becoming a Nobel Prize laureate? What did they do that had an impact on the lives of others?
- 'Where are they now?' If they have died, you can outline where they are buried. If they are still alive you can outline what their life looks like now.
- 2 x 'Interesting Facts' and 2 x 'Did You Know?' A minimum of 6 and a maximum of 10 photos with captions. Include a bibliography on the back of your poster.

Oral Presentation

Students will prepare a short oral presentation, speaking in 'first person'. They will speak about their life, their family, character, the decisions they made and why, and their impact and influence on society. Students are encouraged to dress up in-character and bring along 3-4 'props'/artefacts to support their presentation.

Further Research

Students will choose one of the activities below as a further investigation.

Interview

- Imagine you could sit down and talk to a Nobel Prize laureate.
- What questions would you ask about their life and achievements?
- Find answers to your questions.

Portrait

- Plan and create a portrait of a Nobel Prize laureate.
- Explore and experiment with different techniques and mediums to produce a portrait.
- Organise a class exhibition of your artworks.

5 w's

- What are some of the key events in their life?
- Write a summary for one key event, which answers the 5 W's – Who, What, Where, When and Why?

Activity: School Awards Ceremony

Hold your own awards ceremony at your school to celebrate the special talents, achievements and contributions made by people in your school community. Alternatively, you could hold an award ceremony for students just in your class.

- What categories will you give awards for? It could be for your school's core values, for example Respect, Kindness, Excellence, Resilience and Innovation. Or you could make up your own categories, like "Mentor award", "Entrepreneur award", "Creativity award".
- Who can be awarded? For example, it could be an individual, group or an entire class.
- What will the criteria be for each award? For example, for the respect award the recipient needs to show compassion for others and helps others in the school community. Design a template which you can use to document examples of how the recipient has met the criteria for each award.
- Design an award for each category. Include text, images and symbols which reflect each category and your school.
- How often will the awards be given? (for example, at each assembly, at the end of each term or at the end of the school year). Who will be invited to your awards ceremony? Consider inviting parents, friends and your local MP.



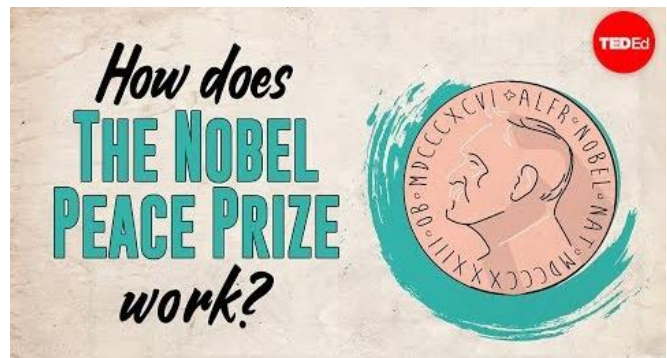
Activity: TEDEd

Students will watch this [TEDEd video](#) to learn more about Alfred Nobel and how the Nobel Peace Prize works.

Students will use the facts they have discovered about the Nobel Peace Prize to create a quiz and then test their classmates. Students will include a range of quiz styles, for example:

- Multiple choice
- True or false
- Fill in the blank
- Use photos or pictures
- When an answer is revealed, provide extra information to explain the answer.

Students can make their quizzes in [Kahoot](#) or [Quizizz](#). Make it fun, engaging, and educational!



How does the Nobel Peace Prize work?
(Source: [TEDEd](#))



Activity: Nobel Prize Quiz

1. Who started the Nobel Prize?

A. Alfred Nobel

B. Albert Nobel

C. Albert Einstein

2. What year were the first Nobel Prizes awarded?

A. 1801

B. 1901

C. 2001

3. An organisation CAN'T win a Nobel Prize.

A. True

B. False

4. Which of these people won a Nobel Prize in physics?

A. Martin Luther King Jr.

B. Albert Einstein

C. Alexander Fleming

5. Which Nobel Prize did Mother Teresa win?

A. Nobel Prize in Chemistry

B. Nobel Prize in Literature

C. Nobel Peace Prize

6. How many Nobel Prizes have been awarded in Australia?

A. 5

B. 10

C. 15

7. Malala Yousafzai is the youngest person to win a Nobel Prize. How old was she when she won the Nobel Peace Prize?

A. 17

B. 27

C. 37

8. Which of these fields is NOT included in the list of Nobel Prizes?

A. Peace

B. Mathematics

C. Economic Sciences

9. Alfred Nobel is best known for his invention of...

A. Penicillin

B. Vaccines

C. Dynamite

10. Who was the first woman to be awarded a Nobel Prize?

A. Mother Teresa

B. Marie Curie

C. Irene Curie

Quiz Answers: 1A, 2B, 3B, 4B, 5C, 6C, 7A, 8B, 9C, 10B.

Useful Websites

- [What are the Nobel Prizes and why are they important?](#) – Newsbreak
- [Check out these Nobel Prize winning scientists](#) - Newsround
- [The man behind the Prize – Alfred Nobel](#) – The Nobel Prize
- [Nobel Prizes 2024](#) – The Nobel Prize
- [Nobel Prize History](#) – BTN
- [2021 Nobel Prize](#) – BTN
- [US duo Victor Ambros and Gary Ruvkun win Nobel Prize in Medicine for 'groundbreaking discovery'](#)
– ABC News