

# Getting project ideas



Generating project ideas for the BT Young Scientist and Technology Exhibition can be an exciting process.

**Here are some methods to help you come up with project ideas:**

- 1. Identify Your Interests:** Start by considering your own interests, hobbies, and passions. Think about subjects or topics that genuinely intrigue you. It could be anything from biology, chemistry, or physics to environmental science, computer science, or psychology.
- 2. Explore Current Topics:** Stay updated with the latest scientific advancements, breakthroughs, and research in various fields. Read science magazines, browse reputable websites, and follow science news outlets to discover emerging topics that might inspire your project.
- 3. Brainstorming Sessions:** Organise brainstorming sessions with classmates, friends, or teachers. Discuss different scientific concepts, real-world problems, or areas where you think scientific investigation could make a difference. Encourage each other to think creatively and bounce ideas off one another.
- 4. Talk to Experts:** Seek guidance from teachers, mentors, or professionals in the field. They can offer insights into current research trends, suggest potential project ideas, and provide advice on practicality and feasibility.
- 5. Previous Projects:** Review projects from previous years to gain inspiration. While you should aim for originality, these projects can serve as a starting point to develop new ideas or build upon existing concepts.
- 6. Everyday Observations:** Pay attention to your surroundings and everyday experiences. Many scientific questions can arise from observations of natural phenomena, environmental factors, human behaviour, or technological advancements.
- 7. Problem-solving Approach:** Consider real-world problems or challenges that you would like to address through scientific investigation. Think about how science can contribute to finding solutions or improving existing systems.
- 8. Collaborate with Others:** Collaborate with classmates or form study groups to brainstorm ideas collectively. Working together can spark innovative ideas and broaden your perspective. Remember no more than three students are allowed per group.
- 9. Online Resources:** Explore online science project databases or resources specifically designed for high school science fairs. These platforms often provide project ideas, experiment guides, and helpful tips for designing and executing experiments.
- 10. Personal Experiences:** Reflect on your own experiences or hobbies. Is there a particular aspect or phenomenon that you find interesting and want to explore scientifically? Consider how you can apply scientific principles to investigate and understand it better.

Remember, it's important to choose a project that aligns with your interests and resources while being feasible within the given time frame. Once you have a few ideas, evaluate them based on their scientific merit, practicality, and potential impact. Consult with your teachers or mentors for guidance and choose a project that excites you.

