



# SciFest@College 2018

## Guidelines for Students Submitting Paper Entries

SciFest@College will take place in the Institutes of Technology, DCU and St Mary’s College, Derry during April, May and June 2018. Dates of SciFest@College STEM fairs are posted [here](#).

Closing date for receipt of entries to SciFest@College 2018 is **Friday 9 March 2018** except in the case of SciFest@NorthWest in St Mary’s College where the entry date is **Friday 11 May 2018**.

### Who Can Enter SciFest?

All students who are attending a second-level school are eligible to enter. A student may enter only one project but a school may enter as many projects as they wish. Entries will be judged in the following categories:

Age Category:	Junior			Intermediate		Senior	
	RoI	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	5 <sup>th</sup> Year	6 <sup>th</sup> Year
	NI	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13
Project Type:	Individual			Group (Max. 3 students per group – all group members must be in attendance at the exhibition)			
	Physical Sciences		Life Sciences		Technology		

#### Physical Sciences

This category includes projects in physics, chemistry, mathematics, meteorology, earth science, geophysics, space science, astronomy, computer science, engineering, etc.

#### Life Sciences

This category includes projects in botany, agriculture, horticulture, genetics, biochemistry, physiology, microbiology, food science, environmental science, psychology, sociology, etc.

#### Technology

This category includes projects that directly apply scientific principles to solve a problem or improve an existing solution to a problem. Relevant areas include electronics, communications, aeronautics, chemical and electrical technologies, biotechnology, sound, robotics, etc. Projects in this category should normally include a working model or prototype.

**If a project is entered in the wrong category the judges reserve the right to move the entry to the correct category.**

**NOTE:**

- A student may not enter more than one project in SciFest@College in a given year
- A student may not enter their project in more than one venue in a given year
- Each project must have a separate entry form
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- Plagiarism is strictly prohibited
- Where a student carries out work in an institution other than his/her school and/or under the supervision of someone other than his/her teacher this must be acknowledged in the report book; the acknowledgement must include the name and contact details of the person providing the supervision and of the institution, if applicable
- A student(s) whose project has been accepted for exhibition and who subsequently finds that they are unable to exhibit their project should inform the organisers of their intention to withdraw as soon as possible but, in any event, not later than two weeks before the date of the STEM fair in which they entered. Failure to comply with this requirement may result in the school's access to the competition being restricted in future years.

## How to Enter

1. Ask your teacher for a copy of the entry form.
2. Fill out the entry form.
3. Remember you need the following signatures:
  - School principal
  - Teacher
  - Parent/Guardian (in a team project you need a signature for each member of the team)
7. Use the Checklist to check that you have completed all sections of the entry form before sending it in – see sample on page 5 of these guidelines.
8. Post the entry form to the address printed on the last page (Page 6) of the form.

## What You Need to Bring with You on the Day of the STEM fair

1. **Project Report Book**
2. **Visual Display**

For more information go to [www.scifest.ie](http://www.scifest.ie) – Resources/SciFest STEM Fairs Toolkit/SciFest@College/Project Report Book and Presentation or click on this [link](#).

**NOTE:**

- **The size of the display boards may vary depending on the venue; information on board size, etc. will be sent out by the relevant venue before the STEM fair**
- **Exhibitors are asked to refrain, where possible, from using brand names of firms/sponsors on their display board; reference to brands or firms should only appear in your Report Book**

## Judging

- The judges' decision in all matters relating to the award of prizes will be final
- The judges reserve the right to change the entry classification of a project where appropriate or to withhold awards in the event of projects not reaching a satisfactory standard
- If a project has not adhered to all the rules and regulations of this competition the judges have the right to withhold awards or exclude the project at any stage during the judging process
- SciFest Ltd reserves the right to rescind an award at any time subsequent to the making of the award if it is established that the project has not adhered to all the rules and regulations of the competition.

## BT Young Scientist and Technology Exhibition (BTYSTE)

Students awarded any of the prizes listed below in the BTYSTE in 2018 **may not enter the same project in SciFest@College 2018.**

Main Awards	Category Winners
BT Young Scientist(s)	1 <sup>st</sup> in Category
Best Individual or Group	2 <sup>nd</sup> in Category
Runner-up Individual	3 <sup>rd</sup> in Category
Runners-up Group	

Students who exhibit at the BTYSTE 2018 but **who do not receive any of the awards listed above** are welcome to enter their project in SciFest@College 2018. However, such students are expected to have carried out **additional work on their project** before entering it in SciFest.

## Continuation Projects and Other Science Competitions

- SciFest encourages students to enter projects which are a continuation (continuation projects) of a previous SciFest entry. These projects must document that the additional research is an expansion of prior work (e.g. testing a new variable or new line of investigation, etc.). Increasing sample size and repeating previous experimentation with exactly the same methodology and research question are examples of unacceptable continuations.
- SciFest encourages all students who exhibit at SciFest to continue to develop their projects, carry out additional research and enter other science competitions such as the Google Science Fair, the BTYSTE, the Sentinus Young Innovators and CREST.

## Live Animals

Students whose projects involve studies of live animals must ensure that such studies are carried out in conformity with the statutory regulations. Copies of the regulations are available from the Department of Health, Hawkins House, Dublin 2. Online guidance from the Department of Health can be accessed [here](#). Guidance on acceptable practices can also be obtained [here](#) and [here](#).

## Health, Safety and Ethical Issues

Before a project involving potentially dangerous, pathogenic, toxigenic or allergenic organisms (animals/insects, plants or microorganisms) is undertaken a competent expert must be consulted to advise on health and safety issues. Where projects involve human participants appropriate permission must be obtained and their wellbeing and privacy must be ensured.

## Personal Belongings

SciFest will not accept responsibility for damage to, or loss of, projects or personal belongings. Exhibitors are advised to remove valuable equipment from unattended stands. Projects are the property of the exhibitors but project content and material may be used by SciFest for exhibition or publication.

## Patents

If contestants have an entry that can be used commercially and for which they seek patents they should have it registered before the STEM fair.

Visit: <http://www.patentsoffice.ie> for more information on this.

## School Visits to SciFest STEM fairs

The majority of Colleges are unable to accommodate school visits during SciFest STEM fairs so please check with the local organisers to avoid disappointment.

## Supervision of Participating Students

**Students are expected to attend talks and to participate in all activities organised for them on the day by the venue hosting the STEM fair.**

**Participating students must be accompanied by at least one teacher and supervised at all times.**

## Use of Photographs/Videos

By signing the entry form (page 2) a parent/guardian grants to SciFest, or anyone authorized by SciFest, the irrevocable right to use any photograph/video taken of their child while he/she is participating in SciFest. Such photographs/videos may include the name of the student, title of the project, prize information, name of school, etc., and may be used on the SciFest and related websites, including social media websites, and in related marketing materials, without media, time, use or geographic limitation. It is understood that SciFest is not obligated to use the photograph/video in any way.

## Use of Project Material

SciFest retains the right to publish details of projects that have been exhibited in a SciFest STEM fair. This information may be used in related publications, including on the SciFest and related websites, including social media websites, and in marketing materials, without media, time, use or geographic limitation.

## Safety at a SciFest STEM fair

- ❖ Live mammals, birds, amphibians, reptiles or Agar plates containing micro-organisms will not be allowed into the exhibition hall
- ❖ Exhibitors will not be permitted to have dangerous equipment, explosive or irritant chemicals, naked flames or any pathogenic, toxigenic or allergenic organism (animals/insects, plant or micro-organisms) on their stand during the STEM fair
- ❖ Exhibits must be safely designed and constructed
- ❖ No sharp objects such as syringes or needles will be permitted in the exhibition hall
- ❖ Exhibitors should behave responsibly and remain at their stands to speak to the judges and visitors

**Closing Date for Receipt of Entries:  
Friday 9 MARCH 2018 (11 May in St Mary’s College)**

## Entry Form Checklist ✓ Box

School name <input type="checkbox"/>	Name/s of student(s)	Project title <input type="checkbox"/>
School address <input type="checkbox"/>	1 <input type="checkbox"/>	Age category <input type="checkbox"/>
School telephone number <input type="checkbox"/>	2 <input type="checkbox"/>	Project type <input type="checkbox"/>
Signature of principal <input type="checkbox"/>	3 <input type="checkbox"/>	Project category <input type="checkbox"/>
Teacher name <input type="checkbox"/>		
Signature of teacher <input type="checkbox"/>	Signature(s) of parent(s)/guardian(s)	
Teacher telephone number <input type="checkbox"/>	1 <input type="checkbox"/>	Sections A-J are filled out correctly <input type="checkbox"/>
	2 <input type="checkbox"/>	
Teacher email address <input type="checkbox"/>	3 <input type="checkbox"/>	

**NB  
 YOUR ENTRY MAY NOT BE ACCEPTED IF ALL SECTIONS OF THE  
 ENTRY FORM ARE NOT COMPLETELY FILLED OUT.**