

The main purpose of the project offered, II INTER-SCHOOL SCIENCE FAIR, is to promote science and technology by developing students' skills and appreciation of creativity, inventiveness and intimate relationship with the environment of the students of the XXI century. Through these activities it will be possible to see the joint work of the kids and teachers who join forces to demonstrate all their qualities.

WHO CAN PARTICIPATE?

Schools in the LAST COURSE OF PRIMARY, SECONDARY AND BACCALAUREATE can participate.

Students from Y7 (6th grade of Primary)

Students of Y8-Y11 (1st-4th ESO)

Students from Y12 (1st Baccaureate)

Equivalent educational levels, such as Formación Profesional.

WHAT IS THE SUBJECT MATTER?

The projects may deal with any scientific, social, technical or environmental topic.

WHAT SHOULD THE PROJECTS CONSIST OF?

The proposed activities can be **experiments, techniques, practices, models, investigations, scientific experiences** and **simulations, interactive dynamics**. They must use an investigative work method and give priority to **interactive experiences** with the visitor.

WHAT WILL THE PRIZES BE?

A first prize and a second prize will be awarded for both categories and a single prize for the best video (voted by the public). The teachers of the winning projects will receive a gift from the organization. In addition, all attendees will receive a certificate of participation as a souvenir. Newton College will provide lunch for the participants on the day of the contest.



HOW IS THE REGISTRATION PROCESS?

The application for participation will consist of three parts.

- The **FIRST PART** will be the pre-registration of the center through the website automatically. In it, the name of the school must be included together with the name of the teacher coordinating the project (3 students per project), the school's telephone number and the contact e-mail address. The title of the project and a general description of the project must be added.
- The **SECOND PART** will be the confirmation by the organizing committee of the admission to the SCIENCE FAIR.
- The **THIRD PART** will consist of the submission of the project documentation (video, poster presentation and short report of the project development) using the criteria developed in later sections.

The professor signing the application form will be the coordinator at all times and the contact person.

WHAT ARE THE REQUIREMENTS FOR THE TEAMS?

- The research projects that apply for the awards can be developed by teams formed by a **maximum of 3 students and a tutor**.
- It is an essential requirement that the projects be supervised by at least 1 teacher.
- Each student can only be part of one team and each team can only present one candidacy.
- It is not a requirement that the authors forming a team be enrolled in the same course.
- There is no limit to the number of entries per tutor or per school.
- The works submitted must be original and must have been developed totally or partially by their authors during the 21/22 school year.
- The research projects must fall into one of the following categories, corresponding to the highest grade of the students in the team.



- EINSTEIN: 6th grade primary school, 1st ESO, 2ndESO, 3rd ESO.
- MARIE CURIE: 4th ESO and 1st BACCALAUREATE.

WHAT DOCUMENTS DO I NEED TO SUBMIT?

1. Video presentation of the project:

- o Maximum length of 4 minutes.
- o The delivery can be in mp4 format, with a maximum duration of 4 minutes and a maximum size of 1GB, through a link of the Wetransfer platform, to the e-mail address j.cascales@newtoncollege.es or v.fuentes@newtoncollege.es. or through a link to the youtube platform.
- o The video must be a summary of the project, including from the relevant theoretical information to the explanation of the experience/experiment, and may include its justification.
- o The authors or their voice-over, the name of the center, etc., may appear in the video.

2. Project poster

- o Size 80 cm x 100 cm.
- o PDF, PNG or JPG format
- o Must include the title
- o Name of the center
- o Name of authors and tutor
- o Introduction to the project.
- o Learning objectives.
- o Most important aspects of the project.
- o Bibliography and references.
- o May include graphics, photographs.



3. Short report of the project

The descriptive report will contain the following sections:

- o Title
- o Summary of the project.
- o Introduction: background, how the project arises.
- o Learning objectives.
- o Theoretical foundations.
- o Materials and methods used.
- o Photographs of the assembled project, assembly diagrams of the project.
- o Bibliography and references.
- o Maximum length 8 pages. Arial 12.

WHAT WILL THE FAIR CONSIST OF? WHAT SHOULD I PREPARE?

Exhibition

- o During the event, participants will have a table of 140 cm x 80 cm approx. to set up their demonstration/model/experiment.
- o They will have a panel to hang their poster.
- o They will have approximately 5 minutes to explain their project to the members of the jury, carry out the relevant demonstrations and answer any questions they may have.

The projects will be evaluated according to the following **CRITERIA**:

- o Originality.
- o Interactivity with the visitor.
- o Relevance and clarity of the scientific dissemination proposed.
- o Adaptation to the conditions of the trade fair exhibition.
- o Application of the project to everyday life.
- o Entrepreneurial spirit of the students.



The jury may request clarifications on the activities and interviews with those responsible for the projects presented.

The exhibition of the activities must be carried out by the students, being the responsible teacher the one in charge of coordinating them, not being able to leave the stand at any time without the presence of the exhibitors until the closing time.

For the assembly of the STANDS, the organizing committee will assign to each project an available space with two days of availability (the previous afternoon with the possibility of assembly from 17:00 and the day of the event from 8:00 to 17:00).

The bases may be subject to changes that will be duly communicated by the coordinating committee of the event to the participants.