

Delaware Technical Community College 25th Annual New Castle County Science Fair Registration Form

Student Information - Type or Print Neatly

Student Last Name _____ First Name _____ MI _____

Parent Last Name _____ First Name _____

Student E-Mail _____ Parent E-Mail _____

Home Address _____

City _____ State _____ Zip Code _____

Home Phone _____ Grade? _____ Age? _____ Gender: M F

Parent/Guardian Signature: _____

***Each member of a team project MUST submit a Registration form as well as an Approval Form (1B).* Team Member #2 _____
Team Member #3 _____

School and Sponsor Information

School Name _____

Teacher/Sponsor _____ Sponsor E-Mail _____

School Address _____

City _____ State _____ Zip Code _____

School Phone _____ School Fax _____

Project Information:

Project Title: _____

Is Electricity Needed for your Display? Yes No

Category - Choose a number from below: # _____ (See Category Descriptions)

1. Behavior & Social Sciences
2. Biochemistry
3. Botany
4. Chemistry
5. Computer Science

6. Consumer Science*
*Middle School Only
7. Earth & Space Sciences
8. Engineering
9. Environmental Sciences

10. Mathematics
11. Medicine & Health
12. Microbiology
13. Physics
14. Zoology



All applicable forms MUST be included:

- Registration Form (one per student)
- Checklist for Adult Sponsor (Form 1)
- Student Checklist (Form 1A)
- Research Plan/Project Summary (instructions included)
- Approval Form (Form 1B – one per student)

*Additional forms may be necessary and listed on Form 1.

Please mail or hand deliver your registration packet with all necessary forms to:

Delaware Technical Community College
Stanton Campus - Room A148
Attn: Science Fair
400 Stanton-Christiana Road
Newark DE 19713

Deadline for All Submissions is
Friday, January 17, 2020 at 4 PM!



Category Descriptions

Please read **each** description and choose your category **CAREFULLY** to ensure your project is judged properly.

Your project could be *outstanding*, however, if miscategorized, it will be overlooked by the judges.

Behavioral and Social Sciences:

Human and animal behavior, social and community relationships— psychology, sociology, anthropology, archaeology, ethology, ethnology, linguistics, learning, perception, urban problems, reading problems, public opinion surveys, educational testing, etc.

Biochemistry:

Chemistry of life processes—cell biology, molecular genetics, enzymes, photosynthesis, blood chemistry, protein chemistry, food chemistry, hormones, etc.

Botany:

Study of plant life—agriculture, agronomy, horticulture, forestry, plant taxonomy, plant physiology, plant pathology, plant genetics, hydroponics, algae, etc.

Chemistry:

Study of nature and composition of matter and laws governing it— physical chemistry, organic chemistry (other than biochemistry), inorganic chemistry, materials, plastics, fuels, pesticides, metallurgy, soil chemistry, etc.

Computer Science:

Study and development of computer software and hardware and associated logical devices.

Consumer Science: **For Middle School Grades Only

The testing and comparison of consumer products for their intended use.

Earth and Space Sciences:

Geology, mineralogy, physiography, oceanography, meteorology, climatology, astronomy, geology, speleology, seismology, geography, etc.



Engineering:

Technology; projects that directly apply scientific principles to manufacturing and practical uses—civil, mechanical, aeronautical, chemical, electrical, photographic, sound, automotive, marine, heating and refrigerating, transportation, environmental engineering, etc.

Environmental Sciences:

Study of pollution (air, water, and land) sources and their control; ecology.

Mathematics: Development of formal logical systems or various numerical and algebraic computations and the application of these principles— calculus, geometry, abstract algebra, number theory, statistics, complex analysis, and probability.

Medicine and Health:

Study of diseases and health of humans and animals—dentistry, pharmacology, pathology, ophthalmology, nutrition, sanitation, pediatrics, dermatology, allergies, speech and hearing, etc.

Microbiology:

Biology of microorganisms—bacteriology, virology, protozoology, fungi, bacterial genetics, yeast, etc.

Physics:

Theories, principles, and laws governing energy and the effect of energy on matter—solid state, optics, acoustics, particle, nuclear, atomic, plasma, superconductivity, fluid and gas dynamics, thermodynamics, semiconductors, magnetism, quantum mechanics, biophysics, etc.

Zoology:

Study of animals—animal genetics, ornithology, ichthyology, herpetology, entomology, animal ecology, paleontology, cellular physiology, circadian rhythms, animal husbandry, cytology, histology, animal physiology, invertebrate neurophysiology, studies of invertebrates, etc.

Team Projects:

All disciplines—multidisciplinary or interdisciplinary. Projects consist of 2 or 3 team members.

