

## Eskom Expo for Young Scientists Regional Expo Readiness guide

### Event Description:

The Eskom Expo Regional Expo is an annual science fair that takes place across 4 regions within the Gauteng Province. Learners present their completed scientific investigation, engineering, social science or mathematics/theoretical projects. The best learners at this Expo will stand a chance to be selected to represent the region and the province at the annual International Science Fair where an array of amazing prizes including, laptops, tablets, cash prizes, innovation support, university bursaries and a chance to represent South Africa internationally at expos around the world

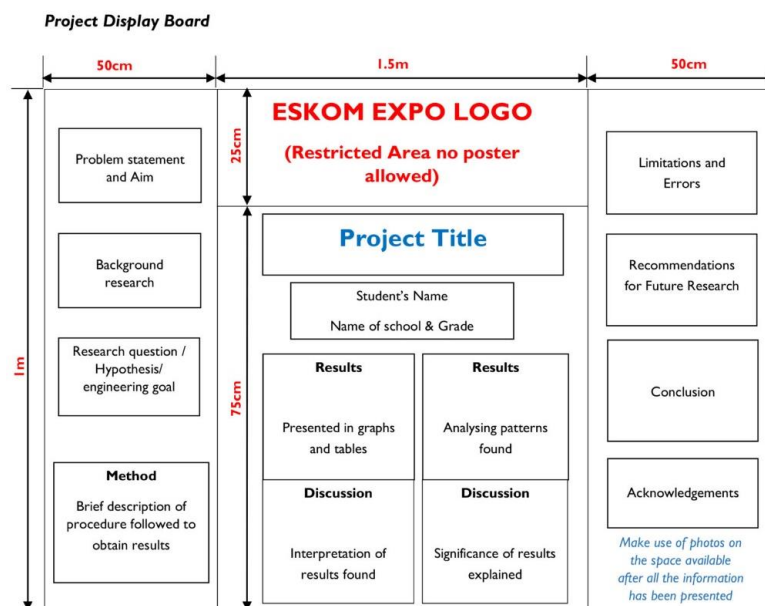
### What do I need to bring?

In order to present a completed Expo project, the following documents need to be presented:

- Research Plan
- Research Report
- Abstract
- Journal
- Project Poster
- Project Prototype (if available, depending on your project category)
- Practical Investigation setup (if available, depending on your project category)

See link to the template for the above documents: <https://exposcience.co.za/get-involved/resources/>

See Poster board dimensions and information placement instructions:



All documents need to be printed; there will be no printing facilities on the day. If your documents are hand written, please make sure that they are neatly written.

All learners must bring their own prestik in order to paste their information on the project poster board. A blank poster board will be provided at the venue.

Learners may arrive at the hosting venue a day before the event in order to set up their project, this is highly recommended. Projects may be set up between 14:00 and 17:00.

**All participating schools must submit the school registration spreadsheet containing learner and project information. Contact your Regional Science Fair Director or the Provincial Coordinator for this.**

## Find your Project Category and Sub-Category Here:

### 1. AGRICULTURAL SCIENCES(AGR)

- Animal Production
- Aquaculture
- Crop Sciences

### 2. ANIMAL SCIENCES(ANI)

- Animal Behaviour
- Animal Genetics
- Animal Physiology
- Aquatic Animals
- Entomology
- Wildlife Management
- Zoology

### 3. BIOMEDICAL AND MEDICAL SCIENCES(BIO)

- Diseases and Illnesses
- Food Science and Technology
- Health Care
- Human Genetics
- Human Physiology
- Medical Science
- Microbiology
- Pharmacology
- Sports Sciences
- Veterinary Sciences

### 4. CHEMISTRY AND BIOCHEMISTRY(CHB)

- Analytical Chemistry
- Biochemistry
- Inorganic Chemistry
- Organic Chemistry
- Polymer Chemistry

### 5. COMPUTER SCIENCES AND SOFTWARE DEVELOPMENT(COM)

- Data Management
- Data Sciences
- Networking
- Software Systems

### 6. EARTH SCIENCES(EAR)

- Atmospheric Sciences
- Climate Sciences
- Geography
- Geology
- Limnology
- Oceanography
- Soil Sciences
- Water Sciences

### 7. ENERGY(ENP)

- Energy Productivity
- Non-Renewable Energy
- Renewable Energy

### 8. ENGINEERING(ENG)

- Biomedical Engineering
- Chemical Engineering/Process Engineering
- Civil & Industrial
- Electrical, Electronics and Embedded Systems
- Mechanical & Aeronautical
- Mining & Metallurgical

### 9. ENVIRONMENTAL STUDIES(EVS)

- Biological Control
- Bioremediation
- Ecology
- Environmental Management
- Sustainability
- Sustainable Development

### 10. MATHEMATICS(MAT)

- Algebra
- Game Theory
- Geometry
- Number Theory
- Statistics and Probability

### 11. PHYSICS, ASTRONOMY & SPACE SCIENCES(PHY)

- Astronomy and Space Sciences
- Material Sciences
- Matter and Materials
- Mechanics
- Mechatronics and Robotics
- Optics
- Theoretical Physics

### 12. PLANT SCIENCES(PLA)

- Aquatic Plants
- Botany
- Plant Genetics
- Plant Pathology
- Plant Physiology

### 13. SOCIAL SCIENCES(SOC)

- Anthropology
- Education Studies
- Human Behaviour
- Human Settlements
- Psychology

**We look forward to seeing you there**

