



INVITATION TO PARTICIPATE: 2022 KZN REGIONAL ESKOM EXPO FOR YOUNG SCIENTISTS

For attention: KZN District Directors, CESs, DCEs, Circuit Managers

For Action: Principals, SMTs, Teachers, School Expo Coordinators of Primary and High schools in KZN

The Eskom Expo for Young Scientists, which forms part of the provincial MST strategy, is a national initiative that affords learners from **GRADE 4 TO GRADE 12** the unique opportunity of presenting their very own, innovative research projects to judges at district, regional, national and international levels. Eskom Expo creates a platform for learners and teachers, to extend themselves within and beyond the scope of the curriculum, to practice research, investigative, problem solving and science communication skills and to use hands on science and technology to solve real life challenges. Teachers and learners have an excellent opportunity for networking and to further develop themselves, extending their own personal growth and professional development.

In keeping with our rapidly advancing technology, KZN has elected to host a hybrid model for the Regional Science Expos/ Fairs(RSF) this year. This hybrid model entails 2 parts for the assessment of projects.

Part 1: An online submission of written work for a pre-assessment process followed by,

Part 2: A physical expo where interviews with learners will be conducted and a final assessment of all written work.

REGIONAL EXPO DATES AND VENUES

Region	Closing Dates: Online Submission	Physical Regional Expo Dates	Physical Regional Science Fair (RSF)/ Expo Venues
Northern KZN	05 July	22 July	Show Hall, Newcastle
Central KZN	05 July	26 July	UKZN Old Mutual Sports Centre
Southern KZN	05 July	28 July (Ugu District)	Umzinto Town Hall
Southern KZN	05 July	02 August (Harry District)	Little Flower School Hall
North Coast	16 July	04 August	UNIZULU (TBC)
Far North	16 July	10 August	Bhekuzulu High School (Nongoma)
Far North	16 July	12 August	Sisizakele Special School (Jozini)

KZN REGIONS & KZN EDUCATIONAL DISTRICTS

KZN EXPO REGIONS	KZN EDUCATION DISTRICTS
North Coast (NC KZN)	King Cetshwayo
Central (C KZN)	Pinetown, Umlazi, ILembe,UMgungundlovu
Far North (FN KZN)	Zululand, UMkhanyakude
Northern (NKZN)	Amajuba, UThukela, UMzinyathi
Southern (SKZN)	UGu, Harry Gwala

REQUIREMENTS FOR PARTICIPATION IN RSF/ Regional Expos 2022

- Learners from grade 4 to 12 can enter a scientific research project or engineering project in one of 13 internationally benchmarked STEM categories.
- Registration for learner participation and for teachers, is online via the website www.exposcience.co.za
- Teachers can sign up as judges via the same website www.exposcience.co.za
- Select Get Involved, then register. Select role: Learners /Teachers /Judges. Refer to Expo regions in the table above.
- Once registered on the website, learners can upload their written work for online the assessment via the same registration profile.
- Learners can submit individual projects or participate as pairs on a team project.
- **Requirements for project assessment:**
 1. **Part 1 Online Submission:** Research Plan, project Report, Abstract (optional submission- video and PowerPoint presentation)
 2. **Part 2 Physical Expo:** Interviews with judges and final assessment of all written work submitted. Written work required for final assessment:
Research Plan, project Report, Abstract, Poster, Data File, Journal
 - All written work/ files which must be laid out on the table space provided, together with any project display or final prototype.
 - Poster must be in the form of A4 pages pasted on the Expo project boards which will be provided at the venue. See website for poster layout.
 - All photos and images must be referenced on the poster and in the report.
- A wealth of expo resources, templates for all written work, expo guide book, referencing guide book, assessment sheets etc are available on our website www.exposcience.co.za . Select resources.
- Training videos on all aspects of research project work, registration and online submission process can be found on our Expo YouTube channel <https://youtube.com/c/ExposcienceCoZa>
- Schools can participate at the regional expo venue closest to them only once per academic year.
- A nominal entry fee will be charged per learner. A request for funding in this regard has been submitted to the department of education to assist schools to cover the cost of this entry fee. Participating schools will be informed closer to the regional expo date.
- Ongoing support will be provided to schools that participate in the regional Expo via physical and online training workshops and support sessions.
- The Eskom Expo for Young Scientists is endorsed by SACE, Department of Basic Education, KZN Department of Education, Department of Public Enterprise and Department of Science and Innovation.
- Teachers can earn valuable SACE CPTD points through participation in the various Expo activities.
- Expo participating schools are encouraged to start science / E-STEAM clubs, led by learners, to ensure the Expo programme is sustainable at schools. This will also develop their leadership skills. Our science club guide book can be downloaded from our website www.exposcience.co.za
- **Please RSVP whether your school will be participating in this year's regional expo, by completing the information form via this link: <https://forms.gle/niQWWw7cMxcMfDQR7> before the 24 June 2022.**

Let us work together to move our KZN youth forward, in the direction of the 4IR, 21st century skill acquisition and enabling better citizens of SA. Together we can do more!

Sincerely yours in STEMI education,

Mrs Nalini Dookie

KZN Provincial Coordinator, Eskom Expo for Young Scientists

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