



KWAZULU-NATAL PROVINCE

EDUCATION
REPUBLIC OF SOUTH AFRICA

DIRECTORATE: MATHS, SCIENCE, TECHNOLOGY & INFORMATION COMMUNICATION TECHNOLOGY

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SCHOOL PRINCIPALS

KZN CIRCULAR No: 44 OF 2025

DETERMINATION OF SCHOOL READINESS FOR THE IMPLEMENTATION OF VIRTUAL LABORATORY APPLICATION

1. The KZN Department of Education has initiated a virtual laboratory application project to support teaching and learning of science subjects.
2. MST & ICT Directorate is partly responsible for certain curriculum support programmes which are aimed at improving the teaching and learning of Mathematics Science and Technology/Technical (MST) subjects.
3. Following the first phase of rollout, it has emerged that there are schools which are willing to participate in the above-mentioned project and therefore an in-house vetting process must be undertaken by the school.
4. Whenever funds become available, the schools meeting the criteria as set out below, will be provided with access to Virtual laboratory application. The access will be for both teachers and learners delivered in two versions namely, offline and online.
5. **Criteria:**
 - a: The school must have a dedicated functional **kznschools** school-based e-mail obtainable from the District Office through the **District ICT Coordinator**.
 - b. Teachers must have access to individual **kznschools** emails obtainable from the District Office through the **District ICT Coordinator**.
 - c. There should be a host computer/server (desktop or laptop) at an i5/i7 or equivalent level.
 - d. Host computers must have at least 16Gig RAM with an operating system which supports latest applications e.g. Win 10/ macOS or any other Operating systems.
 - e. Storage capacity for offline version at least 128 Gigs.
 - f. Web browser compatible with any latest web-based applications with simulations
 - g. For offline version, the school to have a stable school-based LAN/ school based WIFI where workstations have access to the server.
 - h. For the online version, the school must have a stable internet connection with a speed of at least 50 Mbps.
 - i. The school must have learner devices to enable learners to access the application

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6. The school meeting the stipulated criteria must respond through filling in the online form which is accessible through either the QR code or the online link provided below (responses to reach MST & ICT Head Office not later than **30 June 2025**):



<https://forms.office.com/r/kjWHX7E9m4>

7. The virtual laboratory application licence is not an individual user licence therefore it is not assigned to the individual teacher rather assigned to the school.
8. For enquiries pertaining the Microsoft Schools agreement services, Office 365 credentials for teachers and other related support, schools are advised to contact the designated Licensing Service Provider on **031 573 6441** or send e-mail to **email: govschools@ftechkzn.co.za**

District ICT Coordinators details:

No.	Title	Name	Surname	District	Email Address
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7	Mrs	Nompucuko	Mhlongo	Umgungundlovu	nompucuko.mhlongo@gmail.com
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The contents of this circular must be circulated to all those affected

Mr G. N Ngcobo
Head of Department: Education

Date: 30/4/25