



MOBILE LEARNING AT NMS

From 2014 to 2017 the IT Development Group is working towards the implementation of mobile learning at the Nelson Mandela School, as a natural extension of our students' personal digital use. Mobile learning is learning with the use of mobile devices such as mobile phones and tablets. Mobile learning supports collaborative and student-led learning which is explorative, inquiry-based and engaging. It supports formative (instead of summative) assessment. 90% of future jobs will require the use of technology, so NMS is looking ahead and wants to build on these skills.

Tablets are easy to use and support problem-oriented, individualised and explorative learning, and offer students easier and faster research as well as the possibility to create multi-media output. The results can be documented and shared faster and easier. Technology can and will be a more integrated part of the educational process and collaboration between students will be promoted. Not only the technical, also the pedagogical conditions need to be right. The IT Development Group has presented the following 3-year plan to the school community in November/December 2014:

2014/15 - Strengthening IT resources, Professional, Development, Curriculum, Digisponsibility

new servers (P23, P30, B24)

faster connection & switch upgrades

Online reservation rooms

upgrade primary PC labs (new pcs 1.1 & seven more pcs in 106)

Upgrade OS Secondary

Streamline service three campuses

Digital Classbook & Web UNTIS

Installation IT B24

Wireless Access Points at P23 and P30 - General WIFI for teachers by the end of the schoolyear

Update eEducation masterplan

New Acceptable Use Policy approved by SK

Digital Skills Curriculum Primary and Secondary

PD: Workshops and peer coaching

Purchase learning software (Gynzy, Brainpop etc)

Individual logins for Primary (1-6)

Mac address filtering Primary
Upgrade Contract Joseph Thurai (to include hours for B24)
E-safety label for NMS

Improved communication with Senate

2015/16: Preparing for Mobile Learning

trial & select LMS (Google Classroom, Lernraum Berlin, Edmodo, Scolibri?)
Public Displays secondary / online substitution plan primary)
Tablets for teachers or BYOD
Lease-plan tablets in place (leasing/buying/maintenance)
Research BYOD & Trial classes BYOD
Interactive whiteboards in every classroom
PD: IT STUDY DAY Mobile Learning and peer coaching/ workshops
Pedagogical & didactical plan mobile learning in place (Internet License)
Security: code-protected room access & security building

WIFI available for Upper Secondary (ABI/IB Students)

2016/17: Implementation Mobile Learning

WIFI for year 8 and up.
Implement tablet scheme/BYOD (selected) classrooms grade 6 – 10
password-protected access to school website