

APPENDIX A

TekkiTots Model 2008




science & technology
Department
Science and Technology
REPUBLIC OF SOUTH AFRICA

meraka
I N S T I T U T E


African Advanced Institute for Information
& Communications Technology

Anita van Deventer
TekkiTots



100
1929-2029

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA



Community Based
Project

Dr Martina Jordaan
Dr Jordaan assists students in identifying
preschools and
Coordinate finances for equipment with
students



Children at Brooklyn Preprimary



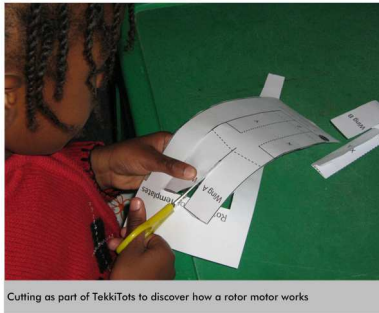
Explore how a crocodile clip works

Students

UP Engineering, Built Environment and IT faculty
volunteer to participate as part of their JCP
community module



I made my own electromagnet



Cutting as part of TekkiTots to discover how a rotor motor works

Students Duties:

Students identify a pre school - capture the
process and difficulties
Arrange with school for suitable times
(2009 Students to provide Meraka Institute with a
simple project plan of intended lessons and time
schedules)
Consent letters to school and parents
Buy practical material
Prepare presentations and practical equipment

Meraka Institute
Ethics Approval
Consent letters to school, parents and students
Lesson plans
(2009 Verify and accept student project plans)
Money for practical material to Martina
Training and assistance



TekkiTots Students at Brooklyn Preprimary

Present lessons at pre school once a week
Capture significant moments during lessons
Capture feedback with regards to lesson
material, equipment etc.
Questionnaires to parents, teachers etc.



Mixing Colours

Outcomes 2007:

97 Children
18 UP Students
4 X Schools: Brooklyn Pre Primary, Sunnyside Pre
Primary, Swaan en Flamink, Morning Star
Montessori

Feedback to Meraka
(Questionnaires, comments etc)

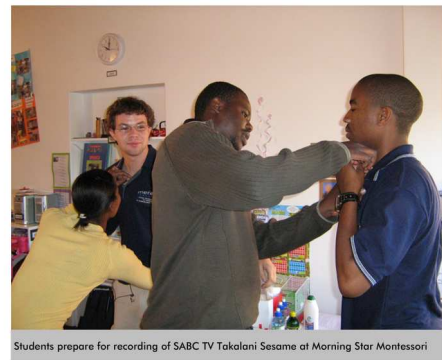


We graduate at Swaan en Flamink Preschool

2008

TekkiTots at 6 X schools: Floralise, Brooklyn Pre
Primary, Sunnyside Pre Primary, Tomorrow's
People Hatfield, Unisa Centre, Panda Preschool
in Hazyview...

Morning Star Montessori continues for the third
year where 2 students do "skills" transfer to
teachers. The students are paid per lesson
presented while the school supply lesson material
Teachers feel confident to continue with lessons
when students leave at the end of the year



Students prepare for recording of SABC TV Takalani Sesame at Morning Star Montessori