



amts *fablab Soshanguve*

✈ a new revolution of technology in the community



images of participants at the LAB



IMAGES OF PARTICIPANTS @ THE LAB

STUDENTS @ THE LAB



STUDENTS @ THE LAB



Background Information

➤ *The Bright Youth Council (BYC), a Soshanguve based non-profit organization (NPO), has been identified by the AMTS as a relevant organization to manage the fablab operations. BYC was established by the local youth, mostly unemployed, in 2001 with the aim of facilitating the process of addressing the socio-economic challenges that the community was faced with. They have been responsible for initiating several community development and support projects, including MATLHASEDI PRINTING CO OPERARIVE. Based on their track record, it is believed that the BYC has the potential to successful operate the fablab and make the necessary socio-economic impact in the community of Soshanguve and neighboring areas*

images of byc



The Expectation of b.y.c about the Lab

BYC has been championing the interest of community development for so long since its existence, therefore we view FABLAB concept as a new revolution of technology in the communities, we commit our self to the benefit of our people in our community we will create a culture of innovation and encourage community innovation, it is widely recognize that the transfer of technology to poor communities has promoted the abilities for communities to help themselves, our expectations are that the development of FABLAB will provide the necessary technology based solution for socio economic challenges faced by our people on daily basis, our expectation are that FABLAB will solve the problems and create opportunities, promote innovation, provide solution, build new tools,

code of good conduct for participants at the lab

- *daily register for participants*
 - *regulation of time limit*
- *usage and control of consumables and computers*
 - *safety measures*
 - *usage of Internet*
 - *misuse of materials and theft*
- *intake of students and general members of
community*

Participation of beneficiaries

ATTENDANCY

Since our operations as from the 03th February 2006 we have received a number of 1920 participants from the reflection of our records, the number derive from the participation of creches, learner, tertiary students and general community members.

AGE CATEGORY

According to the records from the daily register it differentiate and analyze the age groupings.

- ☺ *Learners attending at the Fablab their age range from 9 years to 14 years from primary schools*
- ☺ *Secondary school 15 years to 17 years*
- ☺ *High school and tertiary from 18 years to mid 20's*
- ☺ *Creches from 5 years to 6 years.*
- ☺ *General community members from mid 20's to mid 30's*

NURSERIES

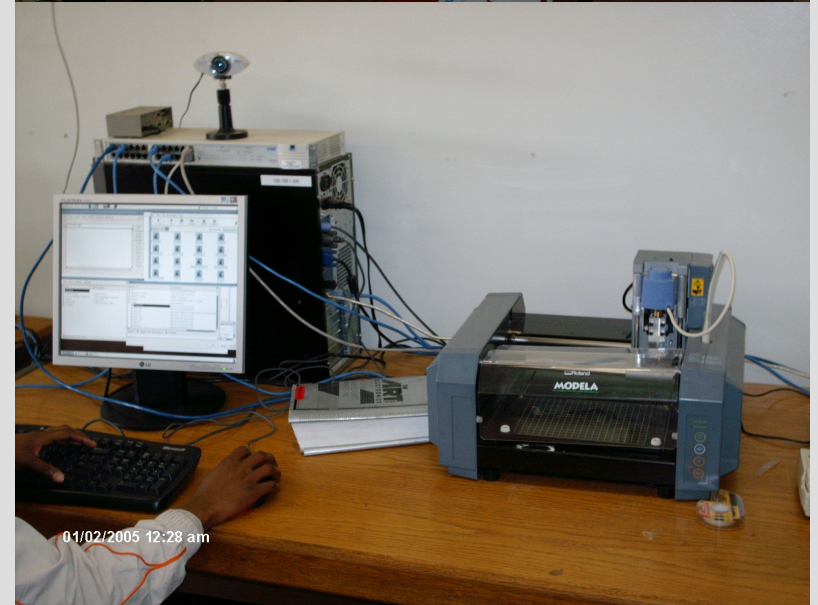
The attendance of the participants starts from the creches which attend every Monday, we encourage them to come in a group of (10 kids), and session rotate from one creche to other so that may maintain an equal opportunity to have access to the fablab.

SPECIAL VISIT@ THE LAB BY BMW SOUTH AFRICA, SHELL SA ,AMTS, LOCAL LEADERS



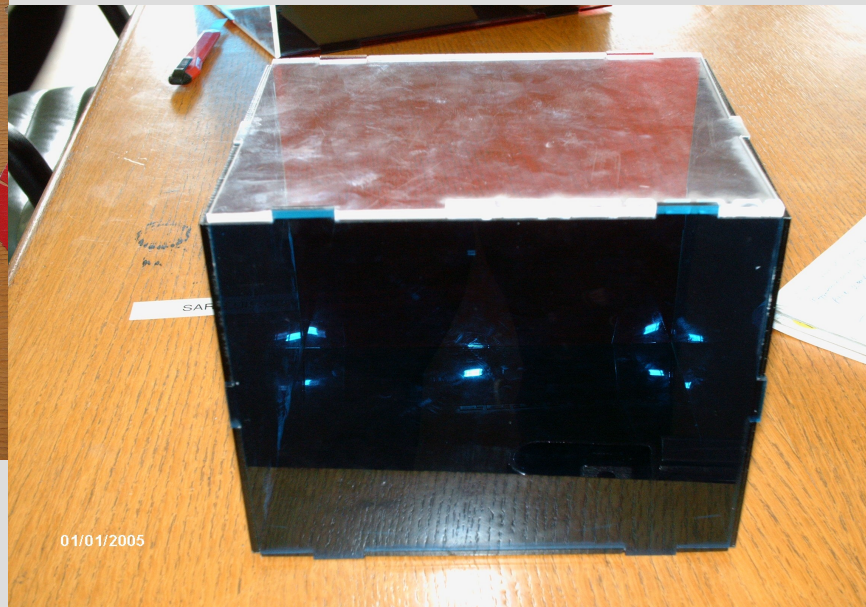
CHALLENGES @ THE LAB

PLASMA CUTTER IS NOT WORKING, FILE SYSTEM ,
COMPUTER ILITERACY



ARTS PROJECTS @ THE LAB

We created learning material for nurseries utilizing perspex and soft wood, 3d object through press fit combination, key holders,



ELECTRONICS PROJECTS

@THE LAB, robot cleaner, helicopter, coffee machine,
dialolights ,drivers companion for electronics device that will alert taxi
drivers when they fall asleep

