

Interim Report --- State of the Maths Project (16 April 2023)

- In 2023, we have so far had 4 weeks of tutoring starting on 4 March and ending on 25 March, interrupted by the school break and following by the university break. Tutoring is scheduled to resume on 22 April.
- The audit has been completed and our accounts have been filed with CIPC. I will provide more details in another note. All of the debts from 2022 have now been settled. The audit report has been posted to the UEF website for which the link is given further below.
- After a number of difficulties and delays, all the money from the Global Grant has been transferred from the US to the UEF Global Grant account.
- From a financial point of view, the larger than expected number of tutors pitching is unsustainable, as the statistics below show. It also cannot be justified from a pedagogical point of view. This is a question that must be addressed now. The obvious solution is to put in place a scheduling system and also some sort of selection.
- Below some summary statistics are given, but more details can be found on the website:

<https://umhlatuzana-education-fund.org/board/>

in particular, Doris' spreadsheets of tutor hours and learner attendance for March 2023, and monthly bank statements up to March as well as more recent transaction statements. Many thanks for Doris and Dorina. The tutor payments (summarized below) however do not yet appear, and there may be a small number of additional tutor payments needed, as Doris was missing a page for one section on one Saturday. The transaction statements will be posted soon, and subsequent monthly bank statement will of course detail all these payments.

1. Statistics Concerning the Maths Project So Far

So far 165 tutor half days have been accounted for during these four weeks. We budgeted R 200 per tutor per Saturday and provisionally decided to pay R 100 per Saturday now, reserving the rest for a bonus at the end of the university semester. This partial payment has been already paid by Dorina (with a few remaining exceptions where bank details were missing). The remaining payments will be made within the next few days as the needed information is provided.

R 16 500.00 (paid now, or about to be paid)

R 16 500.00 (reserved for bonuses)

R 33 000.00 for 4 weeks

The tutor numbers per week were as follows (summarizing the spreadsheets prepared by Doris Rojas):

4 March : 34
11 March : 40 (17)
18 March : 47 (6)
15 March: 44 (5)

The number of tutors who signed the attendance sheet is given and in parentheses the number of tutors who signed but have not been recorded as having helped out with any of the sections.

The learner attendance was as follows:

4 March: 363
11 March: 313
18 March: 307
15 March: 228

The number of sections per grade are as follows:

Grade 8 A-G: 7 sections
Grade 9A-G: 6 sections
Grade 8 A-G: 2 sections

If we assign two tutors per section, our needs would be as follows:

Grade 8 A-G: 14 tutors
Grade 9A-G: 12 tutors
Grade 8 A-G: 4 tutors

This comes to a total of approximately 30 tutors, and would give a learner to tutor ratio of approximately 10:1, which seems reasonable and should be more than adequate. One might also envisage perhaps 3 tutors-at-large, who would be available to fill in on an as needed basis and help with supervision and mentoring of more junior tutors. This would come to 33 tutors per Saturday.

The budget established in February provides for 36 tutors per Saturday, so the larger than anticipated number of tutors pitching is likely to cause budgetary problems and also cannot be justified from a pedagogical point of view. The continuation of the programme also will require a showing of its cost effectiveness and good management. These are additional reasons to put in place a scheduling system.

We also have had to respond to pressure to raise the stipends of the people who help out but are not tutors. The persons involved complained that this year there were more students, circa 300/ week as opposed to approx. 100/week in 2022, and we also had to respond to the perception that we have more money this year than last. Both Principal Mtungwa and Deputy

Principal Naidoo are being remunerated at a rate much higher than what we are paying and this creates pressure on us.

Ms Nhlebela - R 500 per Saturday
Ms Farieda Gilden - R 350 per Saturday
Ms Jane Mbede. - R 150 per Saturday

These pay rises correspond to approximately 50% and have been accepted by all involved. The cost per week is R 1000 which is the equivalent of 5 tutor stipends.

The refreshment expenses for the first four weeks were as follows:

4 March R 488
11 March R 435
18 March R 330
25 March R 559

The books have been ordered and paid for, and if all goes well, will be delivered next week. This leaves us with a slight surplus, which could be applied to copying supplementary material later in the year.

Amount budgeted: R 90 000
Amount paid to Pearson: R 79 015

In addition, there were the following unexpected expenses (owing to the books not having been available yet):

Copying (for 4 March) (Albert)	R 10 012
Stationery (Albert)	R. 1418
Stationery (Thomas)	R 799
Total:	R 12 229

Other miscellaneous expected expenses:

Audit fee	R 4 600
CIPC filing fee	R 300
SWIFT Commission.	R 450
Total:	R 5 350