



**FINAL SUBMISSION OF THESIS, DISSERTATION OR RESEARCH REPORT/PROJECT
(Bound and Electronic Copies)**

Faculty of Humanities

School of Education

Submission of Doctor of Philosophy PhD Thesis

(Note: This form should only be completed at final submission of Dissertation or Research/Project or Thesis)

Payment and submission are for submissions, which have research weighting of 50% or more – so reports where the weighting in relation to the rest of the course work is less than 50% do not have to submit the document.

PLEASE WRITE CLEARLY IN BLOCK LETTERS (If completing form by hand)

1. Name (in full): Bob Maseko
2. Person Number: 709526
3. Present mailing address: Chancellor College, P.O Box 280, Zomba

Postal code: 265 Fax: _____

E-mail: bmaseko@cc.ac.mw Cell: +265 996 787 515

Home tel: _____ Work tel: _____

4. If you are likely to move in the next 6-12 months, please provide the mailing address and effective date of a change in address: _____

Effective date: _____

Contact telephone numbers: _____

5. I hereby submit my PhD thesis. _____
(Delete whichever is NOT applicable)

5.1 If this is research for a Masters by Dissertation or PhD thesis, please provide your ORCID number:

<https://orcid.org/0000-0002-3533-8226>

(Open Research and Contributor ID (ORCID) – is an alphanumeric code to uniquely identify academic authors and contributors, it is highly recommended that you register and provide this ID. To register or read more see <http://orcid.org>)

6. Number of unbound copies: N/A
(Ensure that you have signed and dated all copies)

“Number of CDs: (Please note: an electronic version must be supported by a copy on CD for submission into the Electronic Theses and Dissertation System (ETD): [ETD Submission Form](#)

A payment of **R200** must be made at any one of the two beneficiaries below:

Wits University Cashiers Office	First National Bank (A copy of the payment receipt must be submitted to the Faculty with the thesis/dissertation)
Account Code: 001.152.4221103.5122609	Branch: Braamfontein Account number: 51360056499 Branch Code: 251905 Swift Code: firnzajja950

7. Declaration:

- 7.1 I have checked all copies of my dissertation or research/project report or thesis and no pages are missing or poorly reproduced;
- 7.2 All revisions have been completed in accordance with the recommendations of the examiners and such revisions have been duly approved;
- 7.3 The electronic copy is identical to the printed copy approved by the Faculty;
- 7.4 The dissertation or research/project report or thesis complies with the rules relating to abstract and style, copies and formal declaration, duly signed by me, as shown in the General Rules of the University;
- 7.5 Where any document of which I am not the owner is included in my work, I have obtained and attach hereto the written consent of the holder of the intellectual property rights in such a document allowing distribution as specified in 7.5.1 below;
- 7.5.1 In the event of copyright permission not being obtainable for visual images or other works, I will not include the full works(s) in my online thesis/dissertation/research report on the ETD system, but undertake to point only to the source (by URL or other means) for such work(s);
- 7.6 I confirm that I have not used any confidential information in my work without the required permission;
- 7.7 I have properly acknowledged all sources; and
- 7.8 I have noted the rules relating to intellectual property and acknowledgement of the award of the programme as shown in the General Rules of the University and the University’s Intellectual Property Policy. Insofar as I hold intellectual property rights in my dissertation or research/project report or thesis, and to that extent only, I agree that the University and its agents may archive and make accessible to the public, upon such conditions as the University may determine, my dissertation or research/project report or thesis in its entirety in all forms of media, now or hereafter known.

8. Title of submitted dissertation/research report/thesis:

Examining the interaction between in-service Physical science teachers’ teaching orientations

And Teacher Professional Knowledge (TPK) domains

(Please note: if due to unforeseen circumstances, the above title has changed from your previously approved title, no further action can be taken by the Faculty Office until the amendment has been approved by the Faculty).

8.1 Keywords:

Interaction, science teaching orientations, physical science teacher professional knowledge, teacher knowledge, nature of science

9. Acknowledgement:

I acknowledge that my dissertation or research/project report or thesis may be placed in the archive of electronic theses and dissertations. I acknowledge that it may be made electronically available in its entirety on the ETD system from four months after the date of submission unless permission for further embargo has been approved by Senate and communicated in writing by myself to the University Research Office, Library and Central Records Office.

The following files are on this CD (*please specify format*):

N/A

The following parts of the work may be released immediately for electronic access worldwide:
(*Only if an official embargo has been agreed to in terms of General Rule G19 will your abstract not be made available for the agreed period*).

Abstract and key bibliographic data (i.e. from submission form)

I acknowledge that I am not entitled to the return of the copies of the dissertation or research/project report or thesis or other work I have submitted for the programme.

10. Did your research involve animal experimentation or the use of human subjects, human tissue or other material, or patient records?

☒ Yes

☐ No

If yes, please certify that clearance was obtained from the relevant, approved, University ethics committee:

Clearance number(s): **2017ECE032D**

11. I understand that I will not graduate unless my University fees have been paid in full.
12. I understand that if I am in material breach of any of the rules, term and conditions governing the submission of a dissertation or research/project report or thesis at the University I may not graduate or it may result in the revocation of the awarded award.
13. The University is not responsible for the safekeeping of the information constituting a dissertation or research/project report or thesis. Should a student use the University ETD system for keeping of a dissertation or research/project report or thesis in progress responsibility for the maintenance, security and back-up of such work lies with the student. The student absolves the University of any liability whatsoever for any loss or damage to a dissertation or research/project report or thesis and/or information contained in them howsoever it occurs. The student indemnifies and hold the University harmless against any claims or liability whatsoever for any loss or damage to a dissertation or research/project report or thesis and/or information gathered for that purpose or contained in any dissertation or research/project report or theses howsoever it occurs.

14. Candidate:

14.1 The candidate must attach an original "Certificate to Accompany Higher Programmes Research Report" from his/her supervisor(s).

14.2 Is this dissertation or thesis supported by funding from (*please tick*):

☐ DST – NRF (e.g. CoE's; SARCHi Chairs; Innovation; African Origins Platform; Knowledge, Interchange and Collaboration; etc.) [*Please underline the programme that applies*]

☐ DST – CSIR (e.g. NEPTTP e-Research; etc.)

☐ Other (*Please list the full name of the funder*): World Bank Skills Development Project (SDP)

Signature of candidate: 

Date: 30th September 2020

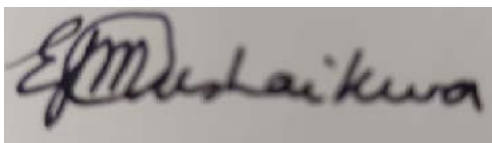
15. Supervisor(s):

I confirm that I provided academic oversight as supervisor during the completion of the degree

Name of supervisor: Emmanuel Mushayikwa

Discipline: Science Education

School: WITS School of Education

Signature of Supervisor: 

Date: 01 October, 2020

I confirm that I provided academic oversight as supervisor during the completion of the degree

Name of second Supervisor (*if more than one*): _____

Discipline: _____

School: _____

Signature of Supervisor: _____

Date: _____

FOR FACULTY OFFICE USE

- ☐ Retain one unbound copy
- ☐ Field of study and biographical information confirmed
- ☐ Two unbound final, corrected copies, as well as final, corrected copy in electronic format, of dissertation or research/project report or thesis submitted and forwarded to Central Records Office (refer to section 6)
- ☐ An electronic copy of the abstract of the dissertation or research report or thesis and receipt for the ETD payment submitted and forwarded to CENTRAL Records Office (refer to section 6)

Note: 1. Only abstracts of awards with 50% more as a research component must be submitted for uploading onto the ETD system

2. Please tick the appropriate box below to indicate the percentage of the research component award:

☐ 50% or more research

☐ Less than 50% research

- ☐ Signed formal declaration submitted (refer to section 7.4) and included as part of dissertation or research/project report or theses
- ☐ Written consent of holder of intellectual property rights included in the work attached – if applicable (refer to section 7.5)
- ☐ Embargo notification attached – if applicable (refer to section 9)
- ☐ Ethics Committee clearance number indicated – if applicable (refer to section 10)
- ☐ Copy of this submission form and attachments included with copies sent to Central Records Office – for forwarding to Library. **Originals placed on student file.**

Faculty Officer: _____

Date: _____

FOR CENTRAL RECORDS OFFICE USE

- ☐ One unbound final, corrected hard copy of dissertation or research/project report or thesis forwarded to
- ☐ Library Final corrected copy in electronic format and receipt for ETD payment forwarded to Library
- ☐ Copy of this submission form included with dissertation or research/project report or thesis forwarded to Library
- ☐

Central Records Office: _____

Date: _____

FOR LIBRARY USE

- ☐ Electronic version of dissertation or research/project report or thesis abstract activated on ETD

Library ETD Administrator: _____

Date: _____