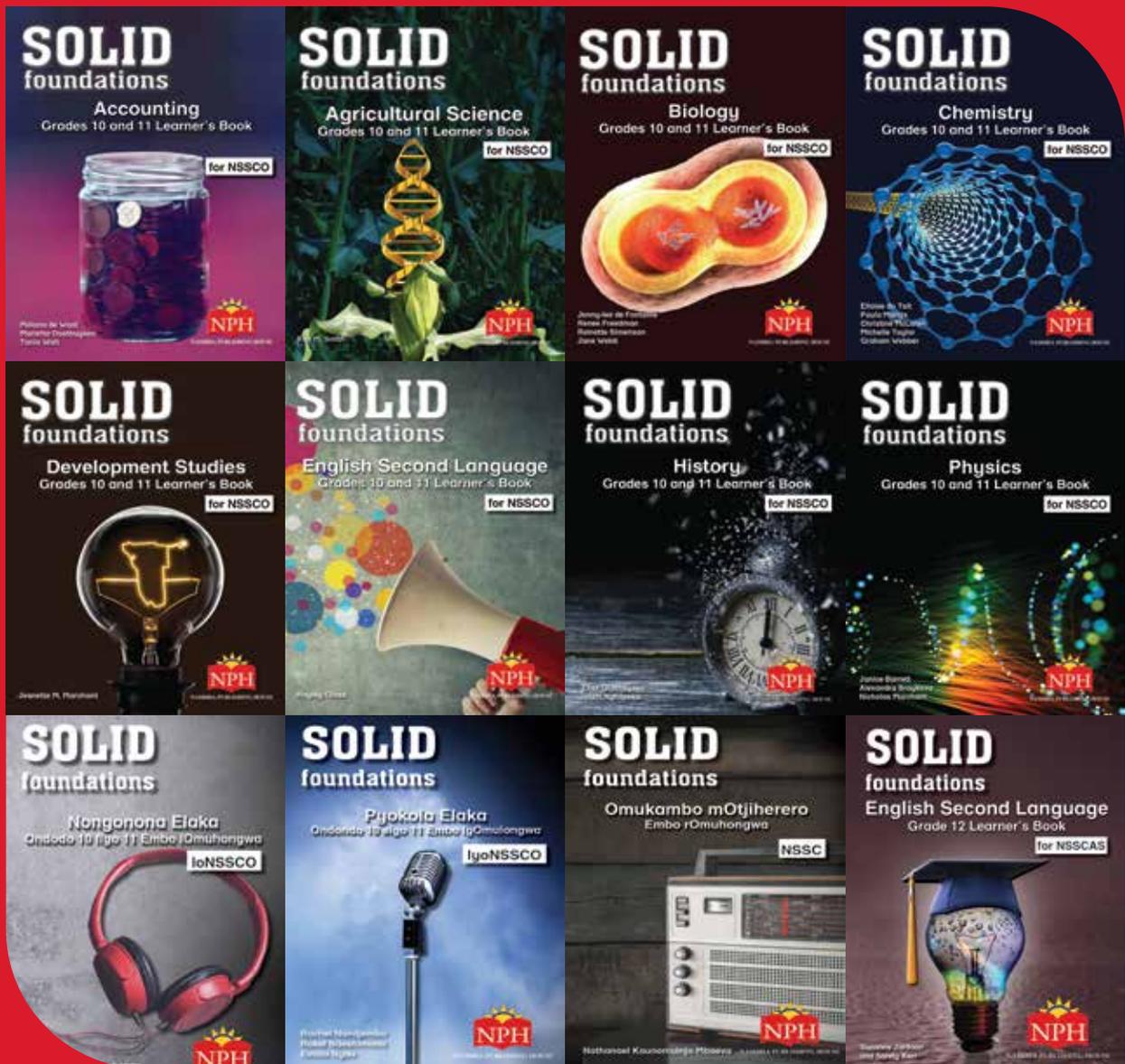


# Namibia Publishing House

## Solid Foundations

Senior Secondary Phase materials  
for Grades 10–11 NSSCO and  
Grade 12 NSSCAS approved by NIED

For implementation in 2019 (NSSCO) and 2021 (NSSCAS)  
For first examination in 2020 (NSSCO) and 2021 (NSSCAS)



Dear Principals, HODs and Teachers,

Namibia Publishing House, as part of Macmillan Education Namibia family, would like to thank you for your ongoing support over the past years. With the introduction of the new curriculum started in 2015, we have worked tirelessly across all departments, from publishing and editorial, to production, marketing and delivery to provide quality learning and teaching materials for Namibia for all phases in the curriculum.

Our **Solid Foundations** series of materials for Junior Primary, Senior Primary and Junior Secondary Phases have been very well received and proved extremely successful at establishing a uniform standard for the whole of the country.

In line with our motto 'Building our nation on Solid Foundations', we are pleased to announce that the **Solid Foundations** series now includes materials for the NSSCO Grades 10 and 11 in Senior Secondary Phase, which will be implemented in 2019 and 2020 respectively, and materials for the NSSCAS Grade 12 Senior Secondary Phase.

**The following NPH titles have been approved by NIED as core materials for NSSCO:**

- *Solid Foundations Accounting Grades 10 and 11 Learner's Book and Teacher's Guide for NSSCO*
- *Solid Foundations Agricultural Science Grades 10 and 11 Learner's Book and Teacher's Guide for NSSCO*
- *Solid Foundations Biology Grades 10 and 11 Learner's Book and Teacher's Guide for NSSCO*
- *Solid Foundations Chemistry Grades 10 and 11 Learner's Book and Teacher's Guide for NSSCO*
- *Solid Foundations Development Studies Grades 10 and 11 Learner's Book and Teacher's Guide for NSSCO*
- *Solid Foundations English Second Language Grades 10 and 11 Learner's Book and Teacher's Guide (incl. CD) for NSSCO*
- *Solid Foundations History Grades 10 and 11 Learner's Book and Teacher's Guide for NSSCO*
- *Solid Foundations Physics Grades 10 and 11 Learner's Book and Teacher's Guide for NSSCO*
- *Solid Foundations Nongonona Elaka Ondodo 10 fiyo 11 Embo lOmuhongwa loNSSCO*
- *Solid Foundations Nongonona Elaka Ondodo 10 fiyo 11 Ewilikimbo lOmuhongi loNSSCO*
- *Solid Foundations Pyokola Elaka Ondondo 10 sigo 11 Embo lyOmulongwa lyoNSSCO*
- *Solid Foundations Pyokola Elaka Ondondo 10 sigo 11 Elongithwambo lyOmulongi lyoNSSCO*
- *Solid Foundations Omukambo mOtjiherero Embo Romuhongwa NSSC*
- *Solid Foundations Omukambo mOtjiherero Embo Evatere Romiṭiri NSSC.*

**The following titles have been approved by NIED as core materials for NSSCAS:**

- *Solid Foundations English Second Language Grade 12 Learner's Book for NSSCAS*
- *Solid Foundations English Second Language Grade 12 Teacher's Guide (incl. CD) for NSSCAS*
- *Macmillan School Atlas for Southern Africa*
- *Solid Foundations Omukambo mOtjiherero Embo Romuhongwa NSSC*
- *Solid Foundations Omukambo mOtjiherero Embo Evatere Romiṭiri NSSC*

We would like to thank all who have trusted the **Solid Foundations** series over the years and invite you to try out our newest textbooks. We are confident that our newly approved materials for NSSCO Grades 10 and 11, and NSSCAS Grade 12 will exceed your expectations and again prove that you can rely on us for quality and affordability.

Please contact our committed Sales Team for more information on any of the above titles. We will be keen to assist you.

Yours in education,



Deon de Waal

General Manager

**Namibia Senior Secondary Certificate for Ordinary Level (NSSCO for short) and Namibia Senior Secondary Certificate for Advanced Subsidiary Level (NSSCAS)** are the final examination learners take at the end of Grade 11 (NSSCO) and Grade 12 (NSSCAS). These examinations are accredited by University of Cambridge International Examinations. In **Solid Foundations** textbooks for NSSCO and NSSCAS, we took extra care to facilitate learners' optimal performance during these final examinations. Our **Solid Foundations** materials enable teachers to develop their learners' higher cognitive skills of analysis, interpretation and evaluation, which are important during the examination.

Our *Learner's Books* have the following features:

### Specific objectives

By the end of this topic, you should be able to:

- ▶ identify career paths in agriculture such as agricultural extension officers, veterinary officers, farm managers, crop protection advisors, salespersons for agricultural inputs, agriculture engineers, farm mechanics, agronomists and fisheries officers
- ▶ state the roles of the above career paths in improving agricultural production in Namibia.

This is a list of syllabus objectives, which gives learners an outline of the work that they will cover in the topic.

### Key words

- **aquaculture** the growing of plants in water for food

In vocabulary boxes, called *Key words*, learners will find subject-specific words. The words are bolded in the text so they can be found easily.

### Case study: Efuta Maasbanker

The fishing industry is the third-largest sector in the Namibian economy, and the second-largest growing industry.

- The value of the exports for this sector is six times what it was at Independence.

Case studies have been included to enhance learning and ensure that the material stays relevant to our learners.



*If you are studying Geography, you will learn about the different climatic regions of the world. Namibia includes both desert and grassland, which are covered in detail in Geography.*

Link boxes link the information learners are learning about in the topic to the cross-curricular issues of: Gender issues, Environmental learning, HIV and AIDS, Population education, Education for Human Rights and Democracy, ICT and Road safety.



### Activity 1.4

Work in pairs

- Read the case study on Efuta Maasbanker and then answer the following questions.

Numerous activities provide opportunity to practise the concepts taught in the content, including questions likely to appear in the examination.



### Summary

The key concepts covered in this topic are:

- ▶ Sustainable agriculture uses methods of farming that protect natural resources for future generations.
- ▶ Sustainable agriculture is at the core of agricultural development of Namibia.

Topic summaries give a short review of the most important points covered in the topic.



### Examination preparation

#### Question 1

- Choose the correct answer from the options provided. Write only the question number and the correct answer (for example, 1.6 E).

The examination preparation section at the end of each topic allows learners to practise and improve their examination skills from the very first topic.



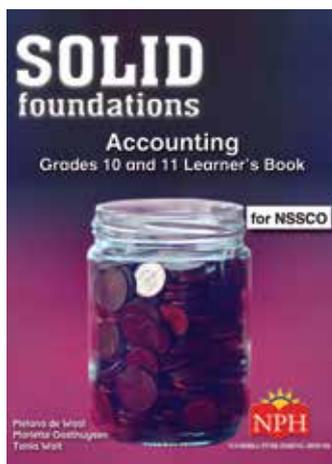
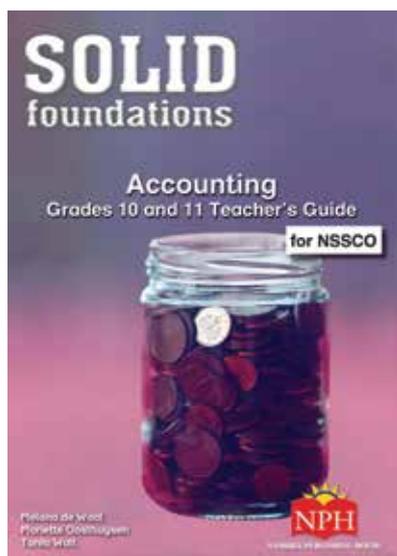
### Exam focus for Theme 1

#### Question 1

- Choose the correct word from the word box to complete the following paragraph regarding development. Write only the question number and the relevant word.

Exam focus sections at the end of each theme, give learners a glimpse into what the exam will look like and provide teachers with more opportunities for assessment.

## Solid Foundations Accounting Grades 10 and 11 Learner's Book and Teacher's Guide for NSSCO

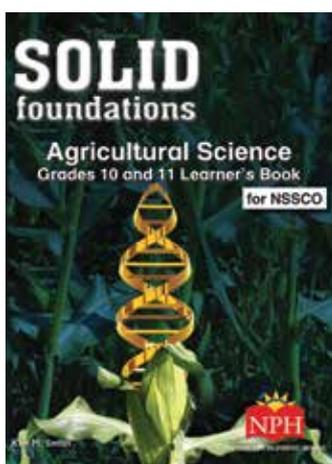
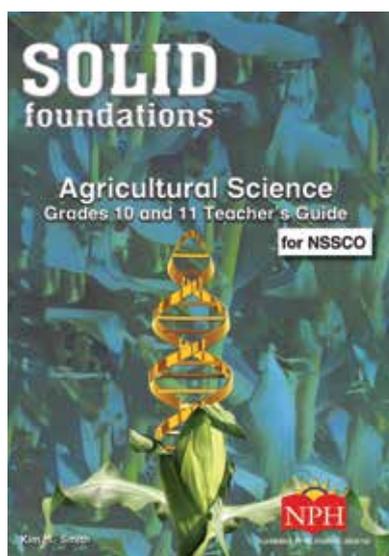


The ***Solid Foundations Accounting Grades 10 and 11 course for NSSCO*** is written in an easy to understand step-by-step way, making teaching various Accounting terms and processes a smooth experience. The main author, Melana de Waal, is a Namibian Accounting specialist, thus the course follows Namibian Accounting standards, systems and principles.

The ***Learner's Book*** includes worked examples to show learners exactly how to solve an Accounting problem, which they can then use to practise with carefully thought out exercises. The ***Teacher's Guide*** provides additional mock examination papers.

ISBN	Title	Grade	Author	Publisher
9789994540136	Solid Foundations Accounting Grades 10 and 11 Learner's Book for NSSCO	10 and 11	Melana de Waal Mariette Oosthuysen Tania Wait	NPH
9789994540143	Solid Foundations Accounting Grades 10 and 11 Teacher's Guide for NSSCO	10 and 11	Melana de Waal Mariette Oosthuysen Tania Wait	NPH

## Solid Foundations Agricultural Science Grades 10 and 11 Learner's Book and Teacher's Guide for NSSCO



The ***Solid Foundations Agricultural Science Grades 10 and 11 course for NSSCO*** deals with all aspects of Agriculture presented in the Namibian context, as outlined in the syllabus.

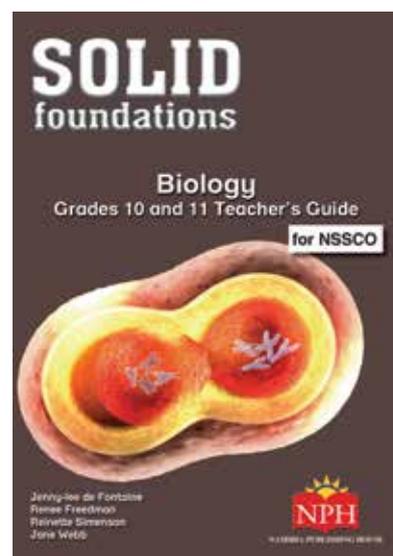
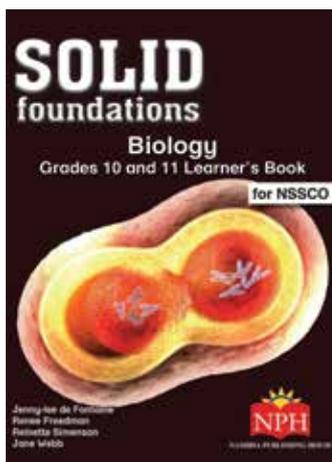
Topics within the themes of General Agriculture, Soil, Plant production, Livestock husbandry, Livestock and crop breeding, Community-based natural resource management, Farm structures and machinery as well as Agricultural economics are all covered in an easy to follow manner. Stimulating practical activities prepare learners for their final examination and at the same time give them confidence to pursue a career in the field.

ISBN	Title	Grade	Author	Publisher
9789994540150	Solid Foundations Agricultural Science Grades 10 and 11 Learner's Book for NSSCO	10 and 11	Kim M. Smith	NPH
9789994540167	Solid Foundations Agricultural Science Grades 10 and 11 Teacher's Guide for NSSCO	10 and 11	Kim M. Smith	NPH

## Solid Foundations Biology Grades 10 and 11 Learner's Book and Teacher's Guide for NSSCO

The *Solid Foundations Biology Grades 10 and 11 course for NSSCO* is both learner-friendly and accessible. The well-designed experimental and practical work provides a worthwhile educational experience for all learners, preparing them towards their final examination as well as for further studies beyond the NSSCO level in pure sciences, in applied sciences or in science-dependent courses.

The *Teacher's Guide* fully supports the *Learner's Book* and offers additional examination papers for learners to practice their exam writing skills.

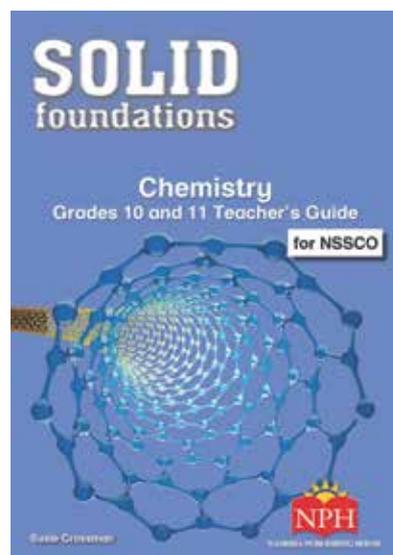
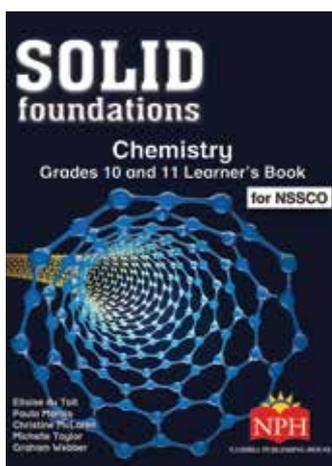


ISBN	Title	Grade	Author	Publisher
9789994540198	Solid Foundations Biology Grades 10 and 11 Learner's Book for NSSCO	10 and 11	Jenny-Lee de Fontaine Renee Freedman Reinette Simenson Jane Webb	NPH
9789994540204	Solid Foundations Biology Grades 10 and 11 Teacher's Guide for NSSCO	10 and 11	Jenny-Lee Fontaine Renee Freedman Reinette Simenson Jane Webb	NPH

## Solid Foundations Chemistry Grades 10 and 11 Learner's Book and Teacher's Guide for NSSCO

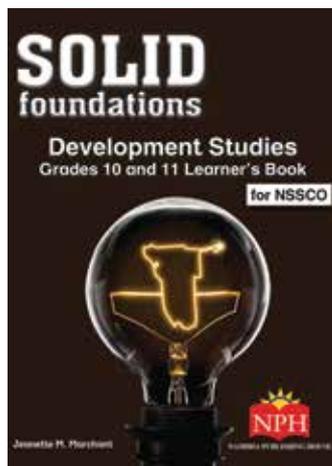
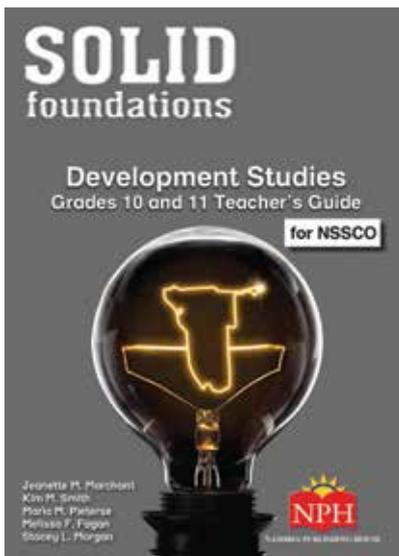
Written by a team with teaching and examining experience, the *Solid Foundations Chemistry Grades 10 and 11 course for NSSCO* presents material in a fresh way, using accessible language. It provides practical activities that are designed to help develop learners' experimental skills and enable them to perform their best during their final examination.

Examination exemplars in the *Teacher's Guide* come as an added bonus.



ISBN	Title	Grade	Author	Publisher
9789994540211	Solid Foundations Chemistry Grades 10 and 11 Learner's Book for NSSCO	10 and 11	Elloise du Toit Paula Marais Christine McLaren Michelle Taylor Graham Webber	NPH
9789994540228	Solid Foundations Chemistry Grades 10 and 11 Teacher's Guide for NSSCO	10 and 11	Susie Crossman	NPH

## Solid Foundations Development Studies Grades 10 and 11 Learner's Book and Teacher's Guide for NSSCO

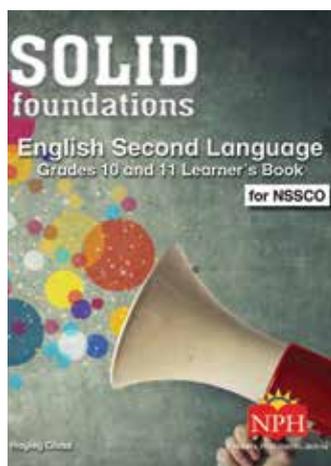
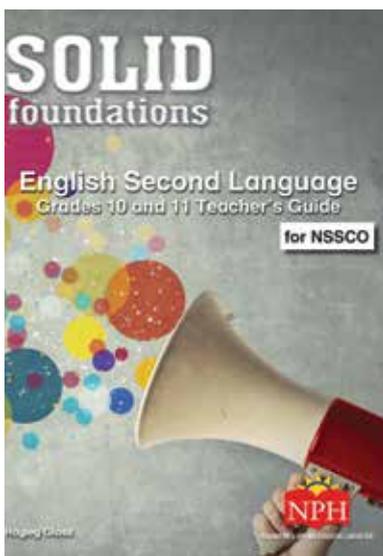


Our *Solid Foundations Development Studies Grades 10 and 11 course for NSSCO* focuses on Namibia and its place among the countries of the world in terms of different aspects of development.

The *Learner's Book* provides thorough exam preparation in the form of revision questions per topic and examination focus sections at the end of each theme, while the *Teacher's Guide* offers worksheets for every theme and end-of-year examination papers with memoranda.

ISBN	Title	Grade	Author	Publisher
9789994540112	Solid Foundations Development Studies Grades 10 and 11 Learner's Book for NSSCO	10 and 11	Jeanette M. Marchant	NPH
9789994540129	Solid Foundations Development Studies Grades 10 and 11 Teacher's Guide for NSSCO	10 and 11	Jeanette M. Marchant Kim M. Smith Maria M. Pieterse Melissa F. Fagan Stacey L. Morgan	NPH

## Solid Foundations English Second Language Grades 10 and 11 Learner's Book and Teacher's Guide for NSSCO



Hayley Glass has been involved in developing materials for our *Solid Foundations English Second Language series* from Senior Primary, through Junior Secondary up to Senior Secondary Phase now.

The advantage of our *Solid Foundations English Second Language course for NSSCO* rests in:

- its continuity to address common problems that learners struggle with at this level
- full syllabus coverage
- thorough exam preparation.

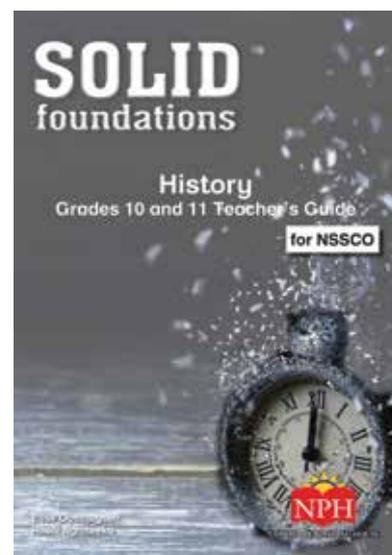
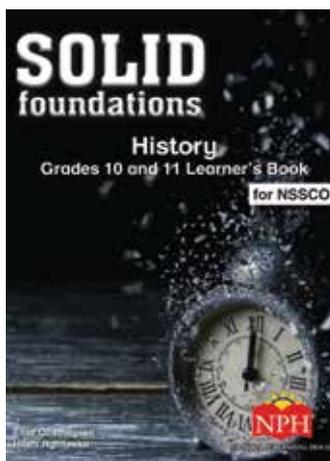
The *Teacher's Guide* fully supports the *Learner's Book* and includes a CD with recordings of all listening passages.

ISBN	Title	Grade	Author	Publisher
9789994540051	Solid Foundations English Second Language Grades 10 and 11 Learner's Book for NSSCO	10 and 11	Hayley Glass	NPH
9789994540068	Solid Foundations English Second Language Grades 10 and 11 Teacher's Guide (incl. CD) for NSSCO	10 and 11	Hayley Glass	NPH

## Solid Foundations History Grades 10 and 11 Learner’s Book and Teacher’s Guide for NSSCO

Our authors for *Solid Foundations History Grades 10 and 11 course for NSSCO* are considered experts in Paper 1 and Paper 2 of the History examination.

Their step-by-step guidance in how to correctly answer different examination-type questions, together with numerous activities to practise exam writing skills, will prove invaluable to any teacher and learner, and will help learners achieve optimal results in the final examination.

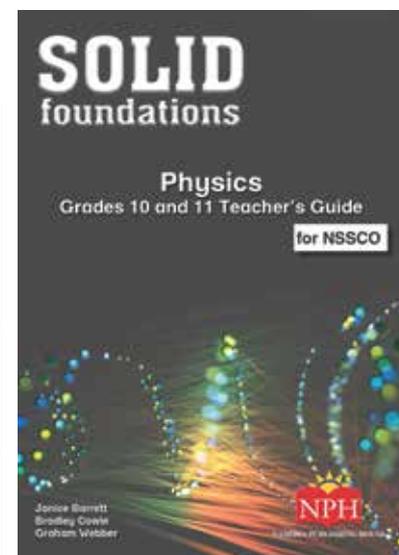
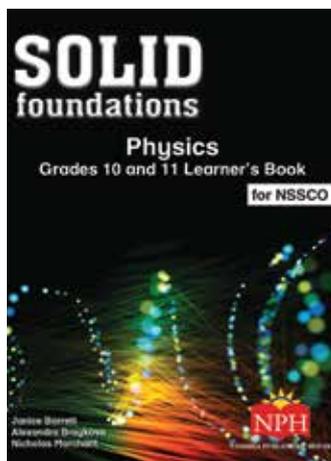


ISBN	Title	Grade	Author	Publisher
9789994540099	Solid Foundations History Grades 10 and 11 Learner’s Book for NSSCO	10 and 11	Elise Oosthuysen Hileni Nghiteeka	NPH
9789994540105	Solid Foundations History Grades 10 and 11 Teacher’s Guide for NSSCO	10 and 11	Elise Oosthuysen Hileni Nghiteeka	NPH

## Solid Foundations Physics Grades 10 and 11 Learner’s Book and Teacher’s Guide for NSSCO

The *Solid Foundations Physics Grades 10 and 11 course for NSSCO* makes teaching challenging science a lot easier.

The *Learner’s Book* is packed with exam-style questions that engage learners and help them build and apply the skills they need to understand and carry out practical investigations. The *Teacher’s Guide* provides additional examination exemplars for learners to get a glimpse into what the final examination will look like and practise their exam writing skills.



ISBN	Title	Grade	Author	Publisher
9789994540235	Solid Foundations Physics Grades 10 and 11 Learner’s Book for NSSCO	10 and 11	Janice Barrett Alexandra Braykova Nicholas Marchant	NPH
9789994540242	Solid Foundations Physics Grades 10 and 11 Teacher’s Guide for NSSCO	10 and 11	Janice Barrett Bradley Cowie Graham Webber	NPH

## Solid Foundations Nongonona Elaka Ondodo 10 fiyo 11 Embo IOMuhongwa nEwilikimbo IOMuhongi loNSSCO

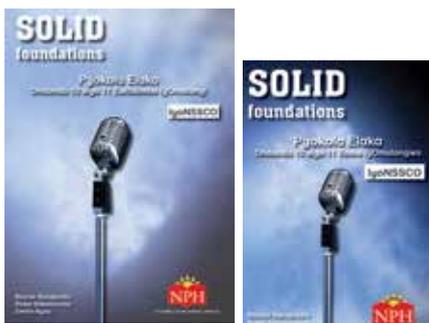


Our authors for *Solid Foundations Nongonona Elaka Ondodo 10 fiyo 11 Embo IOMuhongwa nEwilikimbo IOMuhongi lo NSSCO* are experienced teachers for Oshikwiyama First Language for NSSCO, currently teaching Oshikwiyama to Senior Secondary level learners and student teachers at the University of Namibia.

Their guidance on how to develop the skills necessary to succeed on the final examination at the end of Grade 11 will help learners achieve their best results.

ISBN	Title	Grade	Author	Publisher
9789994540334	Solid Foundations Nongonona Elaka Ondodo 10 fiyo 11 Embo IOMuhongwa loNSSCO	10 and 11	Vilima Haukongo Julius Kuhatumwa	NPH
9789994540341	Solid Foundations Nongonona Elaka Ondodo 10 fiyo 11 Ewilikimbo IOMuhongi loNSSCO	10 and 11	Vilima Haukongo Julius Kuhatumwa	NPH

## Solid Foundations Pyokola Elaka Ondondo 10 sigo 11 Embo lyOmulongwa nElongithwambo lyOmulongi lyoNSSCO



The *Solid Foundations Pyokola Elaka Ondondo 10 sigo 11 Embo lyOmulongwa nElongithwambo lyOmulongi lyoNSSCO* were written by three experienced and well-known Oshindonga First Language authors who are also seasoned Oshindonga teachers. They have developed a quality learning resource that offers thorough examination preparation.

ISBN	Title	Grade	Author	Publisher
9789994540358	Solid Foundations Pyokola Elaka Ondondo 10 sigo 11 Embo lyOmulongwa lyoNSSCO	10 and 11	Rachel Nandjembo Rakel Ndeshimona Emilia Nyau	NPH
9789994540365	Solid Foundations Pyokola Elaka Ondondo 10 sigo 11 Elongithwambo lyOmulongi lyoNSSCO	10 and 11	Rachel Nandjembo Rakel Ndeshimona Emilia Nyau	NPH

## Solid Foundations Omukambo mOtjherero Embo Romuhongwa na wina Embo Evatere Romiṭiri NSSC (Grades 10 and 11 and Grade 12)



The *Solid Foundations Omukambo mOtjherero Embo Romuhongwa na wina Embo Evatere Romiṭiri NSSC* were developed by Nathanael Kaunomuino Mbaeva, a recognised expert on Othjherero First Language. This course is approved for both NSSCO and NSSCAS levels and provides for effective teaching of Otjherero First Language to Grades 10 and 11 and Grade 12 learners, as well as comprehensive NSSCO and NSSCAS exam preparation

ISBN	Title	Grade	Author	Publisher
9789994540235	Solid Foundations Omukambo mOtjherero Embo Romuhongwa NSSC	10 and 11	Nathanael Kaunomuino Mbaeva	NPH
9789994540242	Solid Foundations Omukambo mOtjherero Embo Evatere Romiṭiri NSSC	10 and 11	Nathanael Kaunomuino Mbaeva	NPH

## Solid Foundations Office Practice Keyboard Layout

The **Solid Foundations Office Practice Keyboard Layout** is a wall chart approved by NIED as supplementary material for Office Practice Grades 10–11 NSSCO. At 841 x 1089 mm (A0 format), it is large enough to be easily seen from any place in the classroom. The **Solid Foundations Office Practice Keyboard Layout** is essential in any Office Practice classroom as it facilitates the development of the touch-typing skill that learners need to master to enter the business world or proceed to further qualifications.



ISBN	Title	Grade	Author	Publisher
9789994540396	Solid Foundations Office Practice Keyboard Layout	10 and 11	Namibia Publishing House	NPH

## Solid Foundations English Second Language Grade 12 Learner's Book and Teacher's Guide for NSSCAS

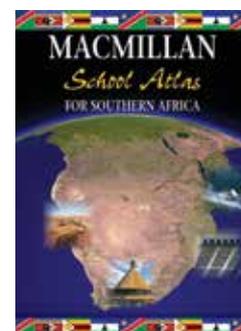
The **Solid Foundations English Second Language Grade 12 for NSSCAS** course builds a bridge between Grade 12 and tertiary education, instilling in learners natural curiosity and passion for learning, ensuring proficiency in English Second Language and giving learners the confidence to pursue further studies or proceed to employment. The course offers excellent exam preparation in the form of numerous tasks that focus on refining learners' reading and directed writing skills, essay writing, as well as grammar and language usage, in order to facilitate optimal performance on the exam. The **Teacher's Guide** fully supports the **Learner's Book** and includes a **CD** with stimulating listening activities.



ISBN	Title	Grade	Author	Publisher
9789994540426	Solid Foundations English Second Language Grade 12 Learner's Book for NSSCAS	10 and 11	Suzanne Jordaan Sandy Kerr	NPH
9789994540433	Solid Foundations English Second Language Grade 12 Teacher's Guide (incl. CD) for NSSCAS	10 and 11	Suzanne Jordaan and Sandy Kerr	NPH

## Macmillan School Atlas for Southern Africa

The **Macmillan School Atlas for Southern Africa** is an approved supplementary material for teaching and learning Geography in southern Africa. All the Geographical themes – Physical, Human and Economic Geography – are covered together with Map Reading Skills and Astronomical Geography. The maps, full-colour photographs, statistical data, and explanations are presented in easy-to-read and learner-friendly language. With an extended section on Namibia, and other SADC countries, moving to Africa and the World at large, the atlas is an exciting resource of information for Senior Secondary learners



ISBN	Title	Grade	Author	Publisher
9781852220280	Macmillan School Atlas for Southern Africa	10 and 11	Macmillan Education	NPH

**Solid Foundations Omukambo mOtjherero Embo Romuhongwa na wina Embo Evatere Romiṭiri NSSC (Grades 10 and 11 and Grade 12)** This Otjherero First Language course is approved for both NSSCO and NSSCAS levels. See previous page for details.

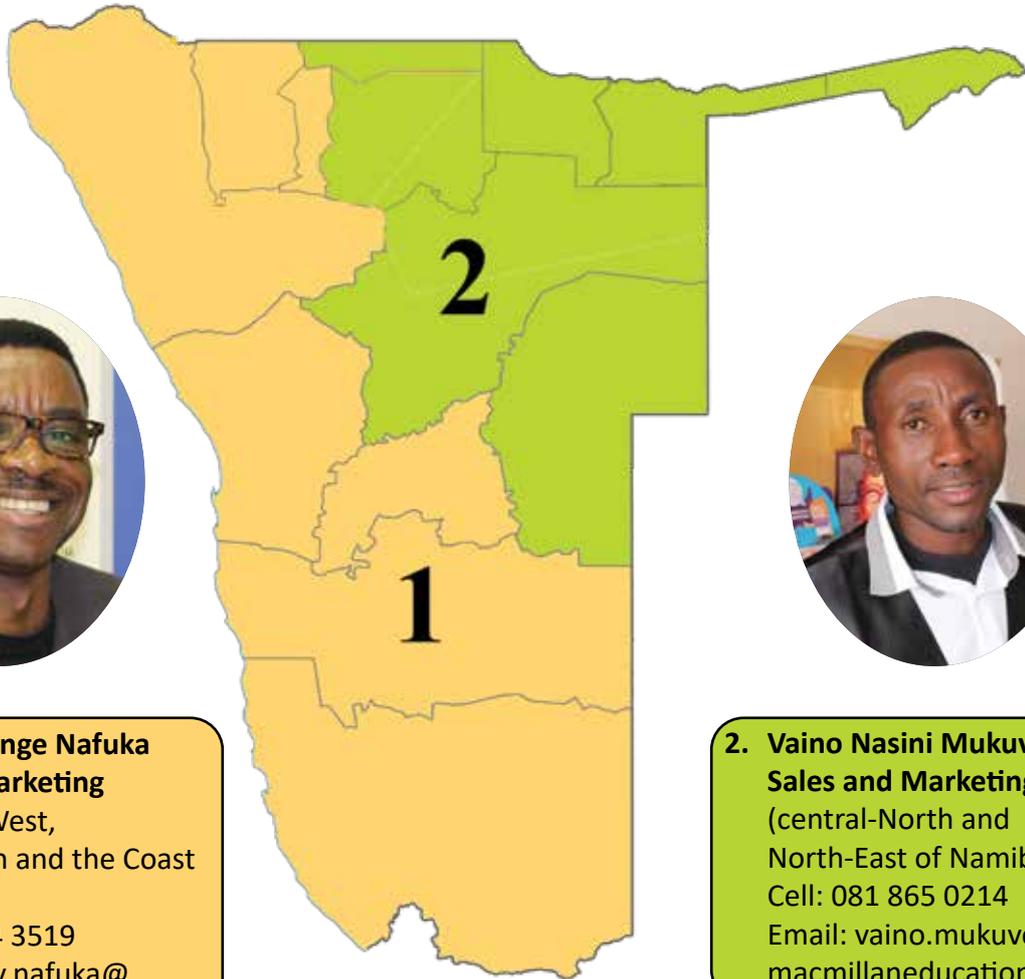
## NPH SALES REPRESENTATIVES

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Please contact them if you have a question regarding our materials or if you would like to arrange a presentation at your school.



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## NPH SALES SUPPORT TEAM

Call or email our enthusiastic Sales Team when you have a query, or simply pop into our Windhoek bookshop, and our friendly staff will be happy to assist you.

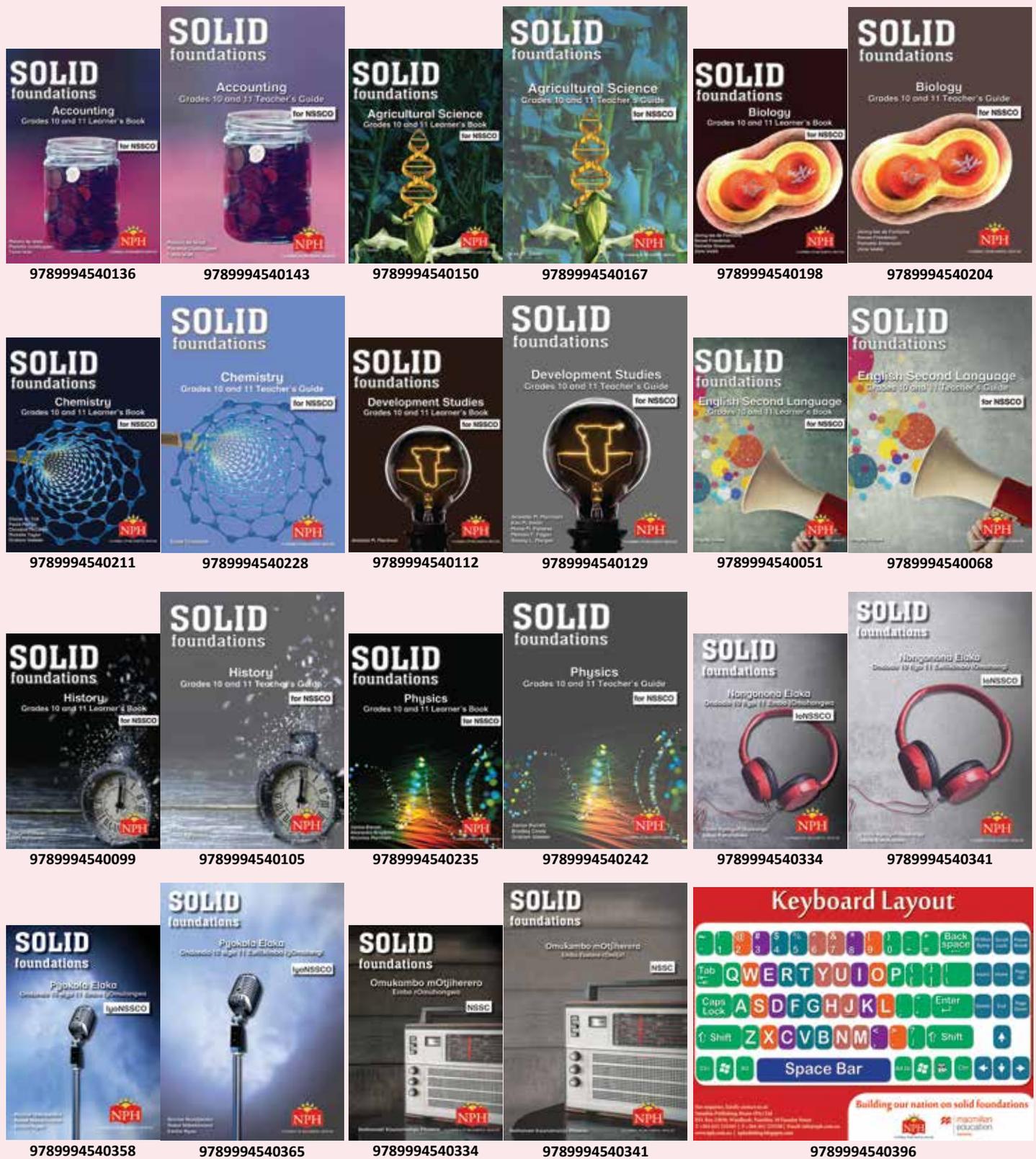


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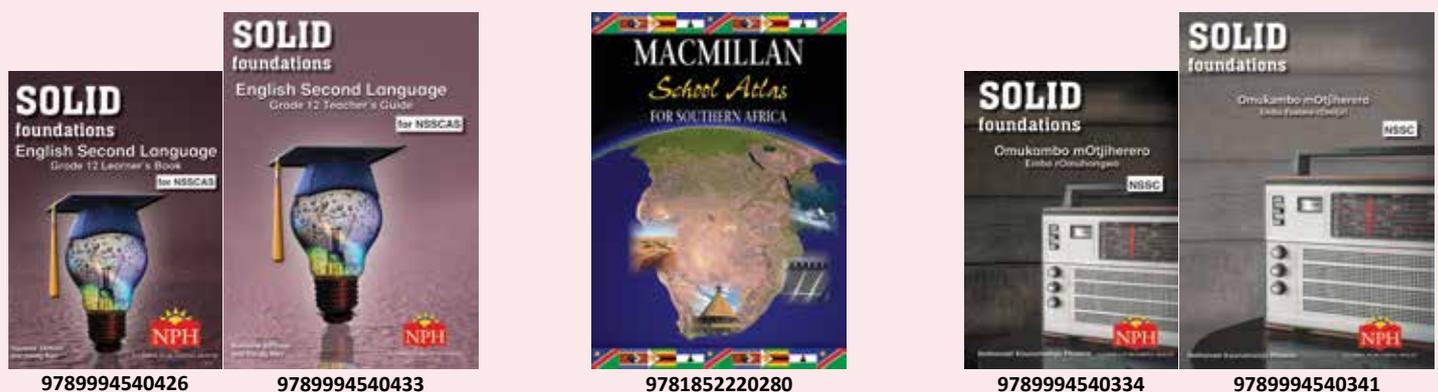


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# NPH APPROVED TITLES FOR NSSCO



# NPH APPROVED TITLES FOR NSSCAS



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**Web: [www.nph.com.na](http://www.nph.com.na)**

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