

PHYSICAL SCIENCES P.1

MEMO-2024



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

G.12

NATIONAL
SENIOR CERTIFICATE

1 times by adding different masses to increase the hanging mass each time.
the effects of air friction.



data obtained were used to draw the sketch graph below.



length. The spring then falls to the ground.
Trolley A moves to the left, while trolley B moves to the right and then up a frictionless inclined plane, rising to a maximum vertical height of 1,5 m, as shown in the diagram below.



- 6.1 Write down the principle of conservation of mechanical energy in words. (2)
- 6.2 Calculate the speed of trolley B at the bottom of the inclined plane. (4)
- 6.3 For the hypothesis that the spring takes no time to return to its natural length.

(1 a new page.)

1 applied at an angle of 30° to the horizontal
ly at rest, as shown in the diagram below.

on of 10 N acts on the crate as it moves from rest at point A ab
point B. The distance between point A and point B is 1,5
at point B is 2 m s^{-1} .



is work done by a force.

of free-body diagram showing ALL the forces acting on the crate.

IF PRINCIPLES ONLY, calculate the magnitude of force F.

Physical Science First Paper Gr12 Preparatory 2014

Memo Gauteng

Franco Giuseppe Dal Bianco



Physical Science First Paper Gr12 Preparatory 2014 Memo Gauteng:

This book delves into Physical Science First Paper Gr12 Preparatory 2014 Memo Gauteng. Physical Science First Paper Gr12 Preparatory 2014 Memo Gauteng is a vital topic that needs to be grasped by everyone, ranging from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Physical Science First Paper Gr12 Preparatory 2014 Memo Gauteng, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:
 - Chapter 1: Introduction to Physical Science First Paper Gr12 Preparatory 2014 Memo Gauteng
 - Chapter 2: Essential Elements of Physical Science First Paper Gr12 Preparatory 2014 Memo Gauteng
 - Chapter 3: Physical Science First Paper Gr12 Preparatory 2014 Memo Gauteng in Everyday Life
 - Chapter 4: Physical Science First Paper Gr12 Preparatory 2014 Memo Gauteng in Specific Contexts
 - Chapter 5: Conclusion
 2. In chapter 1, this book will provide an overview of Physical Science First Paper Gr12 Preparatory 2014 Memo Gauteng. This chapter will explore what Physical Science First Paper Gr12 Preparatory 2014 Memo Gauteng is, why Physical Science First Paper Gr12 Preparatory 2014 Memo Gauteng is vital, and how to effectively learn about Physical Science First Paper Gr12 Preparatory 2014 Memo Gauteng.
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- The book is crafted in an easy-to-understand language and is complemented by engaging illustrations. This book is highly recommended for anyone seeking to gain a comprehensive understanding of Physical Science First Paper Gr12 Preparatory 2014 Memo Gauteng.

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