



NATIONAL CURRICULUM STATEMENT (NCS) 2012

TECHNOLOGY

CAPS ORIENTATION 2013 • SENIOR PHASE GRADE 7-9



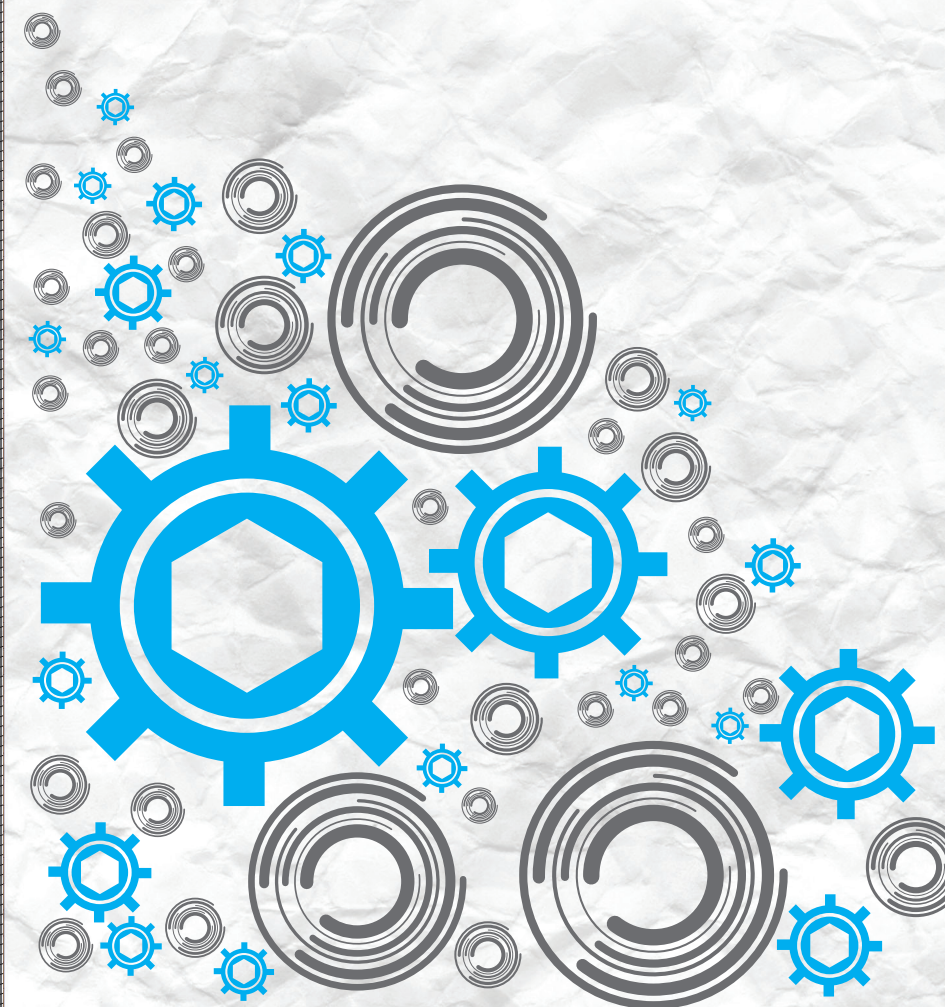
basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA



NATIONAL CURRICULUM STATEMENT (NCS) 2012

CAPS ORIENTATION 2013 SENIOR PHASE GRADE 7-9

TECHNOLOGY



basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

Name:	Province:
District:	Cell no

TECHNOLOGY

Specific Aims

Technology as a subject contributes towards learners’ technological literacy by giving them opportunities to:

- Develop and apply specific design skills to solve technological problems.
- Understand the concepts and knowledge used in Technology education and use them responsibly and purposefully.
- Appreciate the interaction between people’s values and attitudes, technology, society and the environment.

The intention is to **introduce** learners to the **basics** needed in Civil Technology, Mechanical Technology, Electrical Technology and Engineering Graphics and Design. Additionally, learners gain an idea of the way engineers apply scientific principles to practical problems. In addition, **evaluation** skills will be fostered and the introduction of product **design** and **production** will be useful in other FET subjects that use these skills – such as Consumer Studies and Design.

It is expected that Technology education will provide learners with some experience to **help** them to make careeroriented **subject choices at the end of Grade 9**.

Unique Features and Scope

Technology will teach learners the opportunity to learn:

- To solve problems in creative ways;
- To use authentic contexts rooted in real situations outside the classroom;
- To combine thinking and doing in a way that links abstract concepts to concrete understanding;
- To evaluate existing products and processes; and to evaluate their own products;
- To use and engage with knowledge in a purposeful way;
- To deal with inclusivity, human rights, social and environmental issues in their tasks;
- To use a variety of life skills in authentic contexts (such as decision making, critical and creative thinking, cooperation, problem solving and needs identification);
- While creating positive attitudes, perceptions and aspirations towards technology-based careers.
- To work collaboratively with others.

