



education

Department:
Education
REPUBLIC OF SOUTH AFRICA

**COMMON TASK FOR ASSESSMENT (CTA)
GRADE 9 – 2008
TECHNOLOGY**

ANSWER BOOKLET

SECTION A

THEME:
Water for Life

Suggested Time: 5 hours

150 marks

Number of pages: 11

Learner's Name: _____

Members in my group: _____

Teacher's Name: _____

School: _____

Mark Summary Sheet

Name of learner: _____

Task/Activity	Questions	Mark achieved	Total
TASK 1	1.1; 1.2; 1.3; 1.4; 1.5; 1.6		20
TASK 2	2.1; 2.2		24
TASK 3			
Activity 1	3.1; 3.2; 3.3		12
Activity 2	3.4		12
Activity 3	3.5		6
Activity 4	3.6; 3.7; 3.8; 3.9		34
Activity 5	3.10		20
Activity 6	3.11; 3.12; 3.13		22
		Total achieved:	150

TASK 1: CASE STUDY

INDIVIDUAL ACTIVITY

(30 minutes)

LO 2 : AS 2, AS 3; LO 3: AS 2

Marks: 20

1.1 _____ (2)

1.2 _____ (1)

1.3 1.3.1 _____ (1)

1.3.2 _____ (1)

1.3.3 _____ (1)

1.3.4 _____ (1)

1.3.5 _____ (2)

1.4 _____ (3)

1.5 _____ (1)

1.6 1.6.1 _____ (1)

1.6.2 _____ (1)

2.2 One-way valve (6)

Purpose: _____ (2)

Real life
example: _____

2.3 Cleat/Cam-cleat (6)

Purpose: _____ (2)

Real life
example: _____

TASK 3: INCREASING PRODUCTION WITH IRRIGATION

ACTIVITY 1: DESIGN BRIEF, SPECIFICATIONS AND CONSTRAINTS

INDIVIDUAL ACTIVITY

(20 minutes)

LO 1: AS 5, AS 6

Marks: 12

3.1 _____ (3)

3.2 _____ (2)

3.3 _____ (7)

ACTIVITY 2: DESIGN

INDIVIDUAL ACTIVITY

(20 minutes)

LO 1: AS 7, AS 15

Marks: 12

3.4

ACTIVITY 3: SELECTION OF DESIGN

GROUP ACTIVITY

(20 minutes)

LO 1: AS 7; AS 15

Marks: 6

3.5 Reasons for selection: _____

ACTIVITY 4: MAKE

INDIVIDUAL AND GROUP ACTIVITY

(40 minutes)

LO 1: AS 8, AS 9

Marks: 34

3.6 INDIVIDUAL ACTIVITY: DETAILED DRAWING

(10)

3.7 GROUP ACTIVITY: DETAILED FLOWCHART OF MAKING PROCESS (10)

3.8 GROUP ACTIVITY: LIST OF MATERIALS (8)

3.9 GROUP ACTIVITY: LIST OF TOOLS (6)

ACTIVITY 5: MAKE

GROUP ACTIVITY

(70 minutes)

LO 1: AS 10, AS 11, AS 12

Marks: 20

3.10 Reasons for changes: _____

ACTIVITY 6: EVALUATE THE PRODUCT

INDIVIDUAL AND GROUP ACTIVITY

(60 minutes)

LO 1: AS 13, AS 14

Marks: 22

3.11 **INDIVIDUAL** List of criteria _____

GROUP List of at least **FOUR** criteria _____ **(5)**

3.12 Mark achieved for group's model: **(12)**

3.13 GROUP If I ever had to make the model again, I would improve (what) _____ (5)

because _____

by doing the following: _____
