



EDUXTRA
'CLOSING THE GAP' AT SCHOOLS

LEARNER GUIDE

MARCH 2024

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THE EDUXTRA LEARNER GUIDE

A. HOW DO I START

B. HOW DO I REGISTER

C. HOW DO I GET A USERNAME AND PASSWORD

D. START UP ASSESSMENT

E. LEARNING PROGRAM ENROLMENT

F. HOW IT WORKS

G. RECORDS AND RESULTS

A. HOW DO I START

HOW DO I START

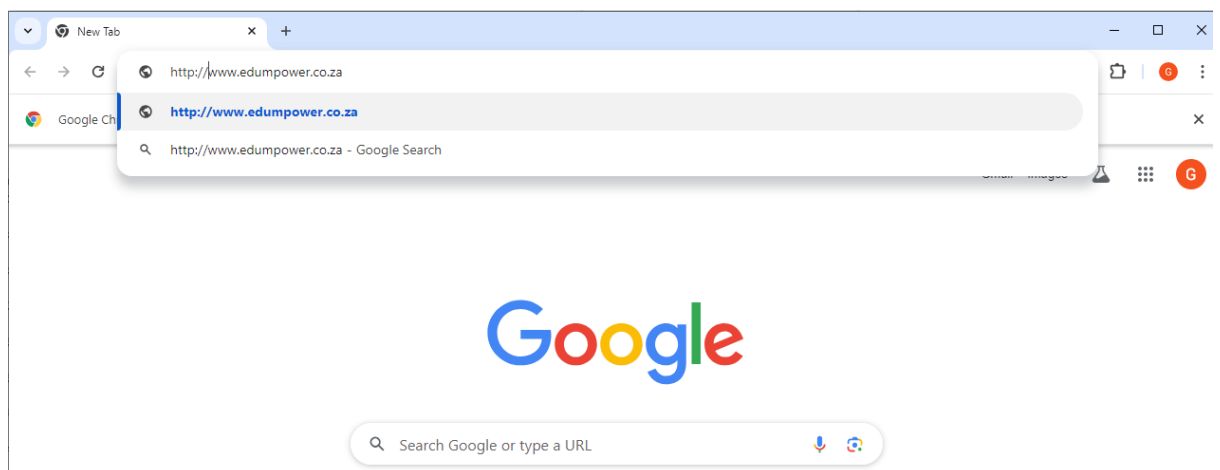
STEP 1

Click on the Google Chrome icon on your computer desktop.



STEP 2

Type in the URL address <http://www.edumpower.co.za>. Search.



A. HOW DO I START

HOW DO I START

STEP 3

First Screen that opens is the website Opening Screen.



STEP 4

This will then turn to the website Home Screen. You will click on **REGISTER**.



B. HOW DO I REGISTER

HOW DO I REGISTER

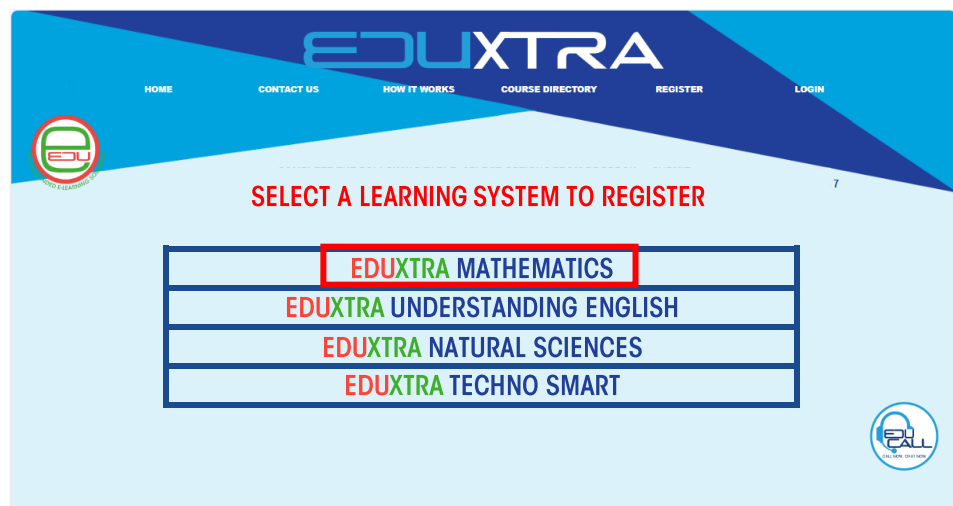
STEP 1

Select a Learning Program to **REGISTER**.



STEP 2

You will now be directed to the **EDUXTRA Blended e-Learning System**. Select a Learning System.



B. HOW DO I REGISTER

HOW DO I REGISTER

STEP 3

You have now selected a Learning System **EDUXTRA MATHEMATICS**. You will now **REGISTER**.

INSTRUCTIONS: COMPLETE THE FOLLOWING TABLE. SELECT OPTIONS FROM DROPBOX ▼ SUBMIT. A USERNAME WILL BE AUTOMATICALLY GENERATED. CREATE YOUR OWN PASSWORD USING YOUR INITIALS AND YOUR GRADE NUMBER EG 7



EDUXTRA					
HOME	CONTACT US	HOW IT WORKS	COURSE DIRECTORY	REGISTER	LOGIN
		REGISTER NOW			
COMPLETE THE FOLLOWING TABLE. SELECT OPTIONS FROM DROPBOX ▼ SUBMIT A USERNAME WILL BE AUTOMATICALLY GENERATED. CREATE YOUR OWN PASSWORD USING YOUR INITIALS AND YOUR GRADE NUMBER EG 7					
FIRST NAME					
SURNAME					
GENDER	Male	▼			
BIRTH DATE					
CONTACT NUMBER					
EMAIL ADDRESS (if available)					
LOCATION	School	▼			
NAME OF LEARNING CENTRE					
REFERRAL CODE					
HIGHEST SCHOOL GRADE LEVEL	Grade 1	▼			
USER NAME					
PASSWORD					
CONFIRM PASSWORD					
SUBMIT					



C. HOW DO I GET A USERNAME AND PASSWORD

HOW DO I GET A USERNAME AND PASSWORD

STEP 1

Upon Registration, a **Referral Code** will be provided to you to enter into the Learning System.

INSTRUCTIONS: COMPLETE THE FOLLOWING TABLE. SELECT OPTIONS FROM DROPBOX ▼ SUBMIT. A USERNAME WILL BE AUTOMATICALLY GENERATED. CREATE YOUR OWN PASSWORD USING YOUR INITIALS AND YOUR GRADE NUMBER EG 7



The screenshot shows the EDUextra registration page. At the top, there is a navigation bar with links: HOME, CONTACT US, HOW IT WORKS, COURSE DIRECTORY, REGISTER, and LOGIN. The main heading is "REGISTER NOW". Below this, instructions state: "COMPLETE THE FOLLOWING TABLE. SELECT OPTIONS FROM DROPBOX ▼ SUBMIT. A USERNAME WILL BE AUTOMATICALLY GENERATED. CREATE YOUR OWN PASSWORD USING YOUR INITIALS AND YOUR GRADE NUMBER EG 7".

FIRST NAME	
SURNAME	
GENDER	Male ▼
BIRTH DATE	
CONTACT NUMBER	
EMAIL ADDRESS (if available)	
LOCATION	School ▼
NAME OF LEARNING CENTRE	
REFERRAL CODE	
HIGHEST SCHOOL GRADE LEVEL	Grade 1 ▼
USER NAME	
PASSWORD	
CONFIRM PASSWORD	
SUBMIT	

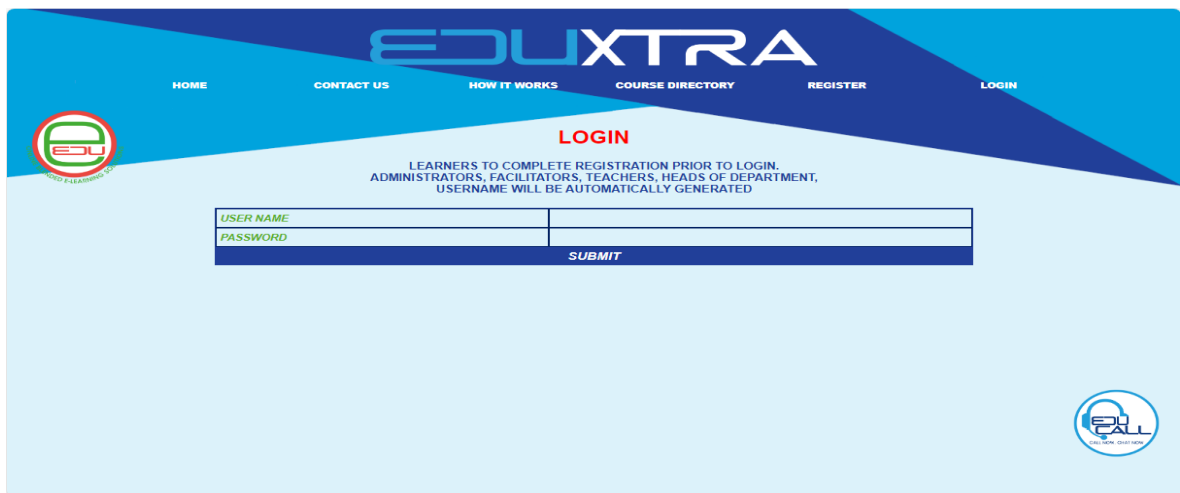
Logos for "EDU LEARNING SYSTEM" and "EDU CALL" are visible on the page.

D. START UP ASSESSMENT

START UP ASSESSMENT

STEP 1

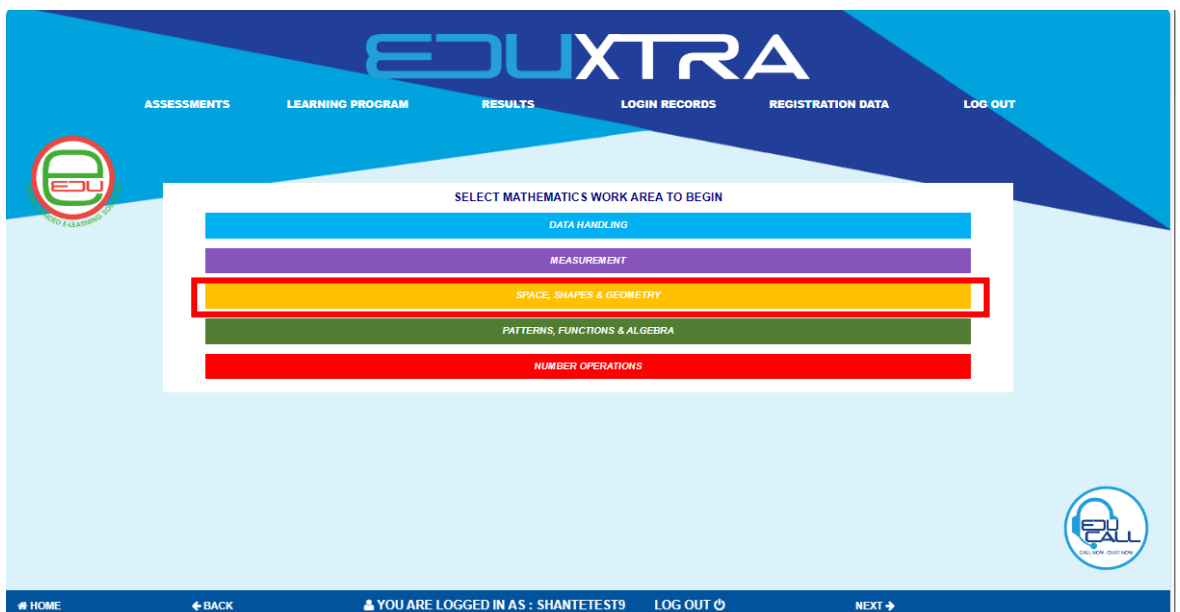
Upon Registration, You will now have a **Username** and **Password** and may now **LOGIN** into the Learning System.



The screenshot shows the EDUXTRA LOGIN page. At the top, the EDUXTRA logo is centered, with navigation links: HOME, CONTACT US, HOW IT WORKS, COURSE DIRECTORY, REGISTER, and LOGIN. Below the logo is a circular logo with 'edu' and 'Edu Learning System'. The main heading is 'LOGIN'. Below it, a message states: 'LEARNERS TO COMPLETE REGISTRATION PRIOR TO LOGIN. ADMINISTRATORS, FACILITATORS, TEACHERS, HEADS OF DEPARTMENT, USERNAME WILL BE AUTOMATICALLY GENERATED'. There is a form with two input fields: 'USER NAME' and 'PASSWORD', and a 'SUBMIT' button. A circular logo with 'edu' and 'Edu Learning System' is in the bottom right corner.

STEP 2

Once you have logged in you will be presented with the Assessment Screen. Select the Work Area Assessment your Facilitator or Teacher wants you to start with.



The screenshot shows the EDUXTRA ASSESSMENTS page. At the top, the EDUXTRA logo is centered, with navigation links: ASSESSMENTS, LEARNING PROGRAM, RESULTS, LOGIN RECORDS, REGISTRATION DATA, and LOG OUT. Below the logo is a circular logo with 'edu' and 'Edu Learning System'. The main heading is 'SELECT MATHEMATICS WORK AREA TO BEGIN'. There is a list of five options: DATA HANDLING, MEASUREMENT, SPACE, SHAPES & GEOMETRY (highlighted with a red border), PATTERNS, FUNCTIONS & ALGEBRA, and NUMBER OPERATIONS. A circular logo with 'edu' and 'Edu Learning System' is in the bottom right corner. At the bottom, there is a footer with links: HOME, BACK, YOU ARE LOGGED IN AS : SHANTETEST9, LOG OUT, and NEXT.

D. START UP ASSESSMENT

START UP ASSESSMENT

STEP 3

- ▶ You will now be presented with the **WORK AREA ASSESSMENT TEST** which you have selected in **STEP 2**.
- ▶ CLICK ON ▶ TO ACTIVATE AND COMPLETE THE ASSESSMENT
- ▶ There are three (3) Sections. You will start with **SECTION 1**.

CLICK ON ▶ TO ACTIVATE AND COMPLETE THE ASSESSMENT

The screenshot shows the EDUXTRA web application interface. At the top, there is a navigation bar with links: ASSESSMENTS, LEARNING PROGRAM, RESULTS, LOGIN RECORDS, REGISTRATION DATA, and LOG OUT. Below this is a table titled 'MATHEMATICS WORK AREAS' with columns for the work area and three sections (SECTION 1, SECTION 2, SECTION 3). The 'MEASUREMENT' row is highlighted in purple, and a red box with an arrow points to the '▶' button in the 'SECTION 1' column for this row. Below the table, there is a legend: 'Click on the ▶ to complete the active assessment section in your chosen work area.' and '✓ = Competent (above 70%) ✗ = Not Yet Competent (below 70%) 🔒 = locked until competency achieved in previous sections.' The footer includes a logo on the right and navigation links: HOME, BACK, YOU ARE LOGGED IN AS: SHANTETESTG9, LOG OUT, and NEXT.

MATHEMATICS WORK AREAS	SECTION 1	SECTION 2	SECTION 3
DATA HANDLING	▶	🔒	🔒
MEASUREMENT	▶	🔒	🔒
SPACE, SHAPES & GEOMETRY	▶	🔒	🔒
PATTERNS, FUNCTIONS & ALGEBRA	▶	🔒	🔒
NUMBER OPERATIONS	▶	🔒	🔒

Click on the ▶ to complete the active assessment section in your chosen work area.
✓ = Competent (above 70%) ✗ = Not Yet Competent (below 70%) 🔒 = locked until competency achieved in previous sections.

D. START UP ASSESSMENT

START UP ASSESSMENT

STEP 4

- ▶ You will now be presented with the **ASSESSMENT TEST** which you have selected.
- ▶ All questions are multiple-choice.
- ▶ You select the correct answers on the right-hand side of the screen by clicking on the drop box.
- ▶ Click on relevant answer box and select A B C or D.
- ▶ Answer all questions and submit on completion.

*Click on relevant answer box and select A B C or D.
Answer all questions and submit on completion.*

The screenshot displays a web-based assessment interface. On the left, a question titled 'ASSESSMENT: MEASUREMENTS' is shown. The question asks for the formula for the perimeter of a rectangle. Below the question, four multiple-choice options are listed: A. $P = 2 \times l + b$, B. $P = 2 \times (l + b)$, C. $P = 2 + l + b$, and D. $P = l \times b$. On the right side of the interface, there is a vertical list of answer boxes, each with a dropdown arrow. A red box highlights the top few answer boxes, and a red arrow points from the instruction text above to this area. At the bottom right of the interface, there is a 'SUBMIT' button.

PRE ASSESSMENT TEST

Page 1

ASSESSMENT: MEASUREMENTS

DIRECTIONS: Choose the correct answers from the following questions.

1. The formula for the perimeter of a rectangle is :

A. $P = 2 \times l + b$
B. $P = 2 \times (l + b)$
C. $P = 2 + l + b$
D. $P = l \times b$

2. The area of a square with sides 5cm long is equal to ...

A. 25 cm
B. 20 cm
C. 20 cm²
D. 25 cm²

ANSWERS

Click on relevant answer box and select A B C or D.
Answer all questions and submit on completion.

7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30

SUBMIT

CLOSE [X]

D. START UP ASSESSMENT

START UP ASSESSMENT

STEP 5

- ▶ When you have completed answering all multiple-choice questions and submitted. You will be presented with all the answers you have completed correctly and all the answers that you have answered incorrectly.
- ▶ Above 70% will open up **SECTION 2**.
- ▶ You will now be presented with **SECTION 2 ASSESSMENT TEST**.
- ▶ All questions are multiple-choice.
- ▶ You select the correct answers on the right-hand side of the screen by clicking on the drop box.
- ▶ Click on relevant answer box and select A B C or D.
- ▶ Answer all questions and submit on completion.

ASSESSMENT TEST RESULTS

The screenshot displays a digital assessment interface. At the top, a blue header bar contains the text 'PRE ASSESSMENT TEST' and 'Page 1'. Below this, a central panel titled 'ASSESSMENT: MEASUREMENTS' contains the following content:

DIRECTIONS: Choose the correct answers from the following questions.

1. The formula for the perimeter of a rectangle is :

- A. $P = 2 \times l + b$
- B. $P = 2 \times (l + b)$
- C. $P = 2 + l + b$
- D. $P = l \times b$

2. The area of a square with sides 5cm long is equal to ...

- A. 25 cm
- B. 20 cm
- C. 20 cm²
- D. 25 cm²

On the right side of the interface, there is a sidebar titled 'ANSWERS'. It contains the following text:

ASSESSMENT RESULT

Grade 9

Section 1: Assessment Patterns, Functions and Algebra: 25.0%

Section 2: Assessment Patterns, Functions and Algebra: n/

Section 3: Assessment Patterns, Functions and Algebra: n/

At the bottom of the sidebar is a green button labeled 'CLOSE'. A red arrow points from the 'ASSESSMENT TEST RESULTS' header to the 'ANSWERS' sidebar.

D. START UP ASSESSMENT

START UP ASSESSMENT

STEP 6

- ▶ When you have completed answering all multiple-choice questions and submitted. You will be presented with all the answers you have completed correctly and all the answers that you have answered incorrectly.
- ▶ Below 70% you will now be registered in the **LEARNING PROGRAM**.
- ▶ Click **CLOSE**.

ASSESSMENT TEST
RESULTS

The screenshot displays a web-based assessment interface. On the left, a sidebar titled 'ASSESSMENT: MEASUREMENTS' contains two questions. The main area shows the first question about the perimeter of a rectangle. On the right, a table titled 'ANSWERS' lists 40 questions with their correct answers marked by green checkmarks or red X's. A red arrow points from the 'ASSESSMENT TEST RESULTS' text to the table. At the bottom right of the table is a green 'CLOSE' button.

ASSESSMENT: MEASUREMENTS

DIRECTIONS: Choose the correct answers from the following questions.

1. The formula for the perimeter of a rectangle is :

- A. $P = 2 \times l + b$
- B. $P = 2 \times (l + b)$
- C. $P = 2 + l + b$
- D. $P = l \times b$

2. The area of a square with sides 5cm long is equal to ...

- A. 25 cm
- B. 20 cm
- C. 20 cm²
- D. 25 cm²

No	Result
1	✓
2	✓
3	✓
4	✗
5	✗
6	✓
7	✓
8	✓
9	✗
10	✗
11	✓
12	✓
13	✓
14	✗
15	✗
16	✓
17	✓
18	✓
19	✗
20	✗
21	✓
22	✓
23	✓
24	✗
25	✗
26	✓
27	✓
28	✓
29	✓
30	✓
31	✗
32	✗
33	✓
34	✓
35	✓
36	✗
37	✗
38	✓
39	✓
40	✓
Result %	85

CLOSE

E. LEARNING PROGRAM ENROLMENT

LEARNING PROGRAM ENROLMENT

STEP 1

- ▶ You will now be enrolled on the **LEARNING PROGRAM**.
- ▶ You are only registered for all the Lessons that you are Not-Yet Competent in.
- ▶ Click on Module to access your **LESSONS**.

Click a module to access your Lessons

MATHEMATICS WORK AREAS	FOUNDATION PHASE	INTERMEDIATE PHASE	SENIOR PHASE
NUMBERS, OPERATIONS & RELATIONSHIPS			
PATTERNS, FUNCTIONS & ALGEBRA			
SPACES & SHAPES (GEOMETRY)			
MEASUREMENT			MEASUREMENT
DATA HANDLING			

HOME BACK YOU ARE LOGGED IN AS : SHANTETEST9 LOG OUT NEXT

E. LEARNING PROGRAM ENROLMENT

LEARNING PROGRAM ENROLMENT

STEP 2

- You will now click on and complete **ACTIVE LESSON, PLAY** and **LESSON TEST** highlighted in **RED**.

Click on and complete active Lesson, Play and Lesson Test

EDUExtra

ASSESSMENTS LEARNING PROGRAM RESULTS LOGIN RECORDS REGISTRATION DATA LOG OUT

CLICK ON AND COMPLETE ACTIVE (GREEN) LESSON, PLAY AND LESSON TEST

KEY: ✓ = COMPLETE = ACTIVE = INACTIVE

AREA AND PERIMETER OF 2-D SHAPES (SQUARES, RECTANGLES AND TRIANGLES) [331411]

LESSON	PLAY	TEST
--------	------	------

SOLVING PROBLEMS INVOLVING PERIMETER AND AREA OF POLYGONS [331412]

LESSON	PLAY	TEST
--------	------	------

SURFACE AREA AND VOLUME OF 3-D OBJECTS (CUBES, RECTANGULAR PRISMS) [331413]

LESSON	PLAY	TEST
--------	------	------

POST MODULE TEST

HOME BACK YOU ARE LOGGED IN AS : SHANTETEST9 LOG OUT NEXT

EDU CALL
CALL NOW CHAT NOW

E. LEARNING PROGRAM ENROLMENT

LEARNING PROGRAM ENROLMENT

STEP 3

- ▶ You have now opened up your first Lesson. Go page for page till you have completed going through the Lesson.
- ▶ Click on the active green arrow to move to the next page.

EDUXTA
ASSESSMENTS LEARNING PROGRAM RESULTS LOGIN RECORDS REGISTRATION DATA LOG OUT

SURFACE AREA AND VOLUME OF 3D OBJECTS *CLOSE (X)*

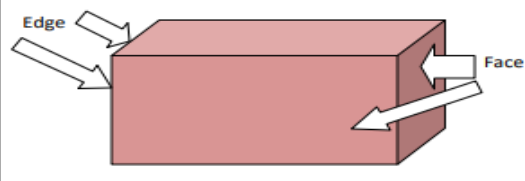
SURFACE AREA AND VOLUME OF 3D OBJECTS (CUBES, RECTANGULAR PRISMS)

SURFACE AREA

First, we need to make sure that some of the language used is understood.

Look at the picture below of a right rectangular prism and make sure that you understand what the following are:

Face; edge



HOME BACK YOU ARE LOGGED IN AS : SHANTETEST9 LOG OUT NEXT

E. LEARNING PROGRAM ENROLMENT








LEARNING PROGRAM ENROLMENT

STEP 4

- ▶ Each Lesson has a Practice Exercise.
- ▶ Work through each calculation. The answer is hidden under an active blue dot.
- ▶ When you have gone through each Skill Set in the Lesson. Click on Close.

SURFACE AREA AND VOLUME OF 3D OBJECTSCLOSE (X)

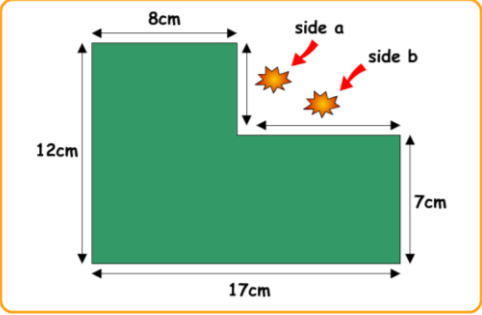
PRACTICE EXERCISE: Page 6
Calculate the perimeters of the following squares and rectangles and check against the answer given.

1. 4cm 10 cm		$P = 2 \times (l + b)$ $P = 2 \times (4\text{cm} + 10\text{cm})$ $= 2 \times 14\text{ cm}$ $= 28\text{ cm}$
2. 3 cm 8 cm		
3. 5 mm 5 mm		
4. 		

STEP 5

- ▶ When you have closed the Lesson, select **PLAY** and work through the Dynamic Application.

NO help with calculations
Help with calculations
Perimeter
1 2 3
4 5 6
7 8 9
0 + =
C
Perimeter is



The length of side a is cm
The length of side b is cm

Sound on
Help
Check
Reset

CLOSE (X)

E. LEARNING PROGRAM ENROLMENT

LEARNING PROGRAM ENROLMENT

STEP 6

- ▶ You have now opened up the **LESSON TEST**. Go page for page and answer all the questions. All questions are multiple-choice.
- ▶ When you have completed answering all questions, click on submit.
- ▶ Above 70% will take you to the next Lesson, Below 70% you have to redo the Lesson, and you will redo the Lesson Test. Repeat this up until you have 70% and above for all Lesson Tests.

SURFACE AREA AND VOLUME OF 3D OBJECTS

CLOSE (X)

LESSON TEST: SURFACE AREA AND VOLUME OF 3D OBJECTS (CUBES, RECTANGULAR PRISMS) [331413A]

DIRECTIONS: Review the skill set you have practiced by reading the questions below and selecting what you think is the correct answer.

1. The formula for the volume of a rectangular prism is:

- A. $V = 2 \times l + h$
- B. $V = 2 \times (l + b)$
- C. $V = l \times b \times h$
- D. $V = l + b + h$



2. To calculate the area of a rectangle we use the formula:

- A. $A = 2 \times (l + b)$
- B. $A = l + b$
- C. $A = l \times b \times h$
- D. $A = l \times b$



Click on relevant answer box and select A B C or D.
Answer all questions and submit on completion.

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.

SUBMIT ▶

E. LEARNING PROGRAM ENROLMENT

LEARNING PROGRAM ENROLMENT

STEP 7

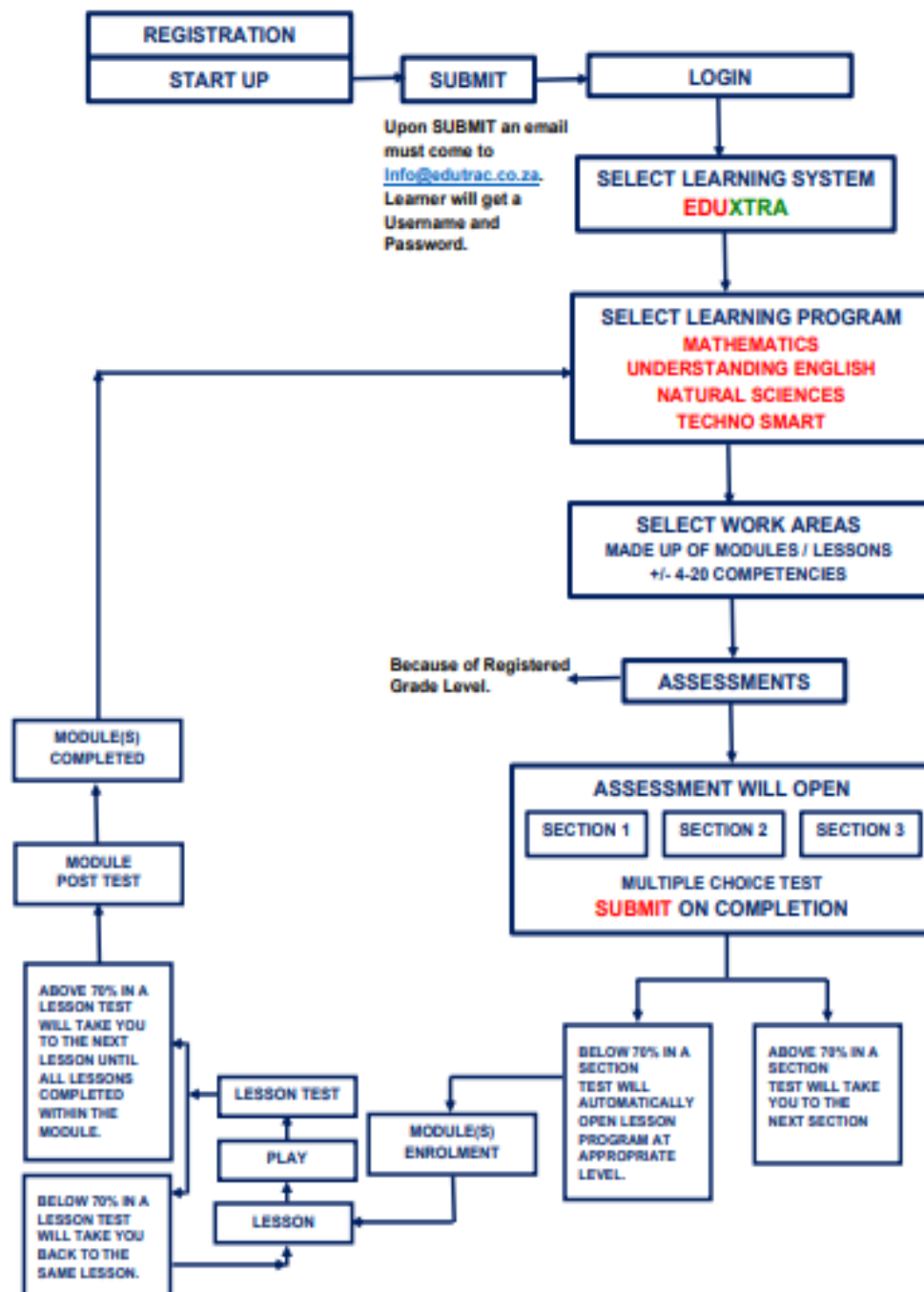
- ▶ When you have completed all Lessons and Lessons Tests you will now open up the **POST MODULE TEST**. Go page for page and answer all the questions. All questions are multiple-choice.
- ▶ When you have completed answering all questions, click on submit.
- ▶ Above 70% will take you to the next Module, Below 70% you have to redo the Lessons indicated in your Test Results. Repeat this up until you have 70% and above for the Post Module Test.

MEASUREMENT	ANSWERS
Page 1	Click on relevant answer box and select A B C or D. Answer all questions and submit on completion.
MODULE TEST: MEASUREMENT	
[33131B]	
DIRECTIONS: Choose the letter with the right answer.	
1. The formula for the perimeter of a rectangle is :	1. <input type="text"/>
A. $P = 2 \times l + b$	2. <input type="text"/>
B. $P = 2 \times (l + b)$	3. <input type="text"/>
C. $P = 2 + l + b$	4. <input type="text"/>
D. $P = l \times b$	5. <input type="text"/>
	6. <input type="text"/>
	7. <input type="text"/>
	8. <input type="text"/>
	9. <input type="text"/>
	10. <input type="text"/>
	11. <input type="text"/>
	12. <input type="text"/>
	13. <input type="text"/>
	14. <input type="text"/>
	15. <input type="text"/>
	16. <input type="text"/>
	17. <input type="text"/>
	18. <input type="text"/>

F. HOW IT WORKS

START TO FINISH

HOW THE EDUXTRA SYSTEM WORKS



F. HOW IT WORKS

STEP BY STEP



G. RECORDS AND RESULTS

RECORDS AND RESULTS

LEARNER PROGRAM RESULTS – SHANTETEST9

ASSESSMENT SECTION	ASSESSMENT RESULTS	LESSON	ENROLLED	LESSON TEST RESULTS	MODULE NAME	POST MODULE TEST RESULT	IMPROVEMENT	COMPLETED
MEASUREMENT								
1	65%	AREA AND PERIMETER OF 2-D SHAPES (SQUARES, RECTANGLES AND TRIANGLES)	12/03/2024	100.0%	MEASUREMENT	0.0%	-32.5%	12/03/2024
1		SOLVING PROBLEMS INVOLVING PERIMETER AND AREA OF POLYGONS	12/03/2024	100.0%				12/03/2024
1		SURFACE AREA AND VOLUME OF 3-D OBJECTS (CUBES, RECTANGULAR PRISMS)	12/03/2024	100.0%				12/03/2024