

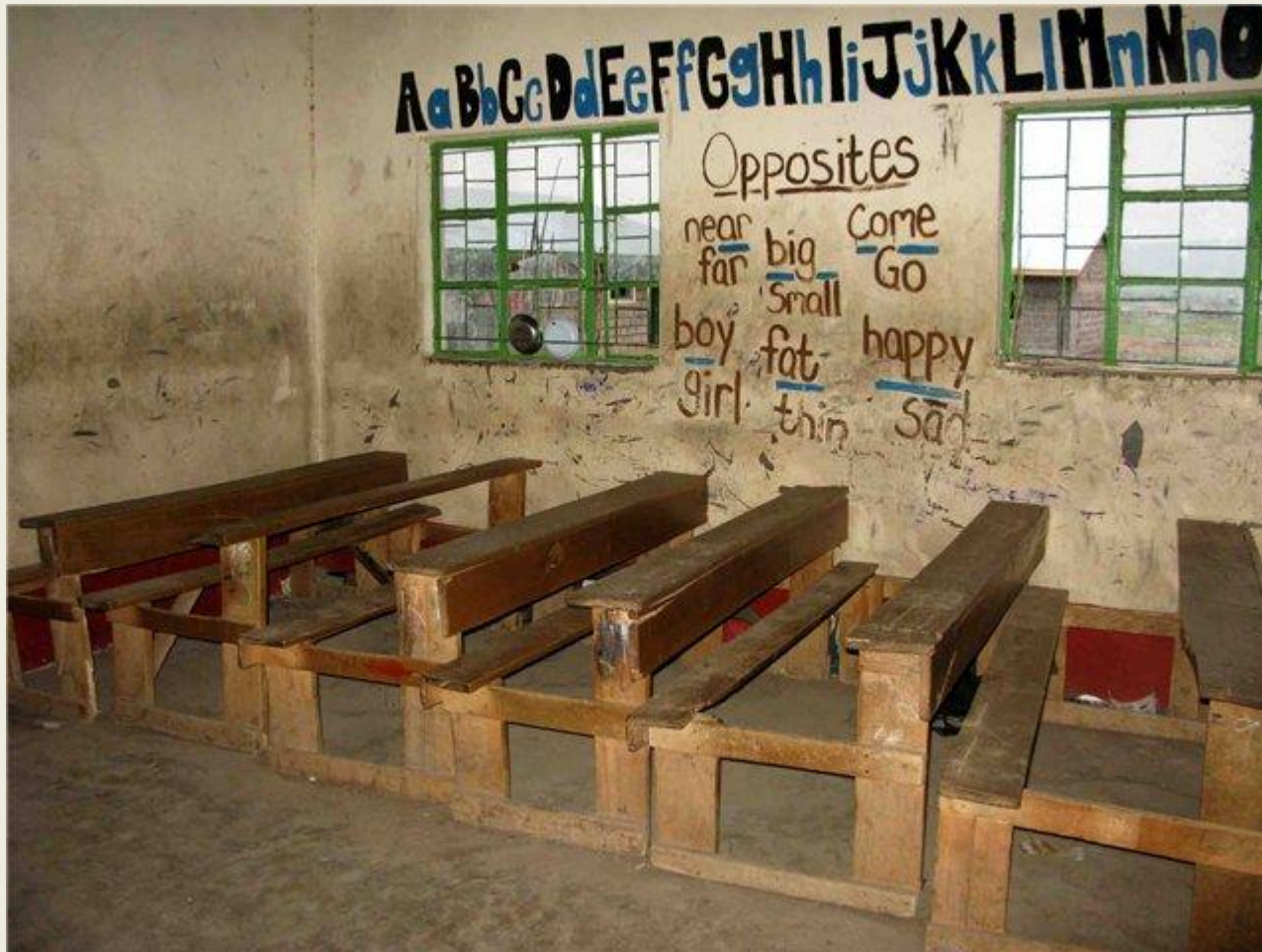
# African school inside and outside

An aerial, slightly blurred photograph of a large, busy school compound in an African setting. The ground is mostly dirt and brown, with scattered green patches of grass. Numerous people, including children and adults, are seen walking or standing throughout the area. In the background, there are several buildings, some with colorful roofs, and a fence line. The overall scene depicts a bustling, active school environment.

**In these schools, no one has heard of an interactive whiteboard or electronic diaries. Even the electricity here is not everywhere, and the walls of the school can be built of clay by the hands of teachers. It's Africa.**

some statistics

3 544 schools have no electricity and 804 schools regularly experience power outages



2 402 schools have no water supply, and another 2 611 schools this is variable



913 schools have no sanitation facilities and 11,4k schools have cesspools instead of toilets



no fences at 2 703 schools



79% of schools do not have libraries, and only 7% of schools have a library fully equipped with textbooks



85% of schools do not have laboratories, and only 5% of schools have fully equipped laboratories





77% of schools do not have computer classes, and only 10% of schools computer class is fully equipped



# Education

Education in African countries has a tiered system, which can be presented in the format of "eight-four-four".

For example, in Kenya this system looks like this:

- primary school from 1 to 8 class (standard), 8 years-education is free and compulsory for all from 5 to 7 years of age
- secondary school from 9th to 12th grade (form), 4 years-free education, but not necessarily
- higher school (bachelor's degree), 4 years — only for a fee.

In many countries, secondary education is still paid for, for example, in Zambia:

- primary school from 1st to 7th grade, 7 years-free
- secondary school from 8th to 9th grade, 2 years — for a fee
- high school from 10th to 12th grade, 3 years — for a fee
- higher school (bachelor), 4 years — for a fee.

Although primary education is compulsory, less than 70 per cent of school-age children attend primary school and 75 per cent of primary school-leavers go to secondary school. About 30% of high school graduates go to universities

# Tuition fee

elite private schools - 6 700 Rand (us \$ 500) per month

regular private schools- 700 Rand (us \$ 52) per month

public (state) schools - 100 Rand (us \$ 7.5) per month.







NEW

MAP OF AFRICA

LIBRARY

CLASS 3

WHERE YOU FALL BUT WHERE YOU SLIPPED

WHAT S

# MATHEMATICS CORNER

## CONVERSION TABLES AND FORMULAE IN PPM

**Mass/Weight**

- 1000 milligrams = 1 gram (g)
- 1000 grams = 1 kilogram (kg)
- 1000 kilograms = 1 tonne (t)
- 1000 000g = 1 tonne

**Length**

- 1 millimetres = 1 centimetre (cm)
- 100 centimetres = 1 decimetre (dm)
- 10 decimetres = 1 metre (m)
- 10 metres = 1 decametre (Dm)
- 100 decametres = 1 hectometre (hm)
- 1000 hectometres = 1 kilometre (km)
- 1000 000 cm = 1 km
- 1000 m = 1 km

**Area**

- 10 mm = 1 cm
- 10000 cm = 1 m
- 100 m<sup>2</sup> = 1 ares
- 100 ares = 1 hectare
- 100 hectares = 1 km<sup>2</sup>

**Volume**

- 1000 mm<sup>3</sup> = 1 cm<sup>3</sup>
- 1000 cm<sup>3</sup> = 1 dm<sup>3</sup>
- 1000 dm<sup>3</sup> = 1 m<sup>3</sup>
- 1000 000 cm<sup>3</sup> = 1 m<sup>3</sup>

**Capacity**

- 10 millilitres = 1 centilitre
- 1000 millilitres = 1 litre
- 1000 litres = 1 m<sup>3</sup>
- 1000 cm<sup>3</sup> = 1 litre
- 1 millilitre = 1 cm<sup>3</sup>

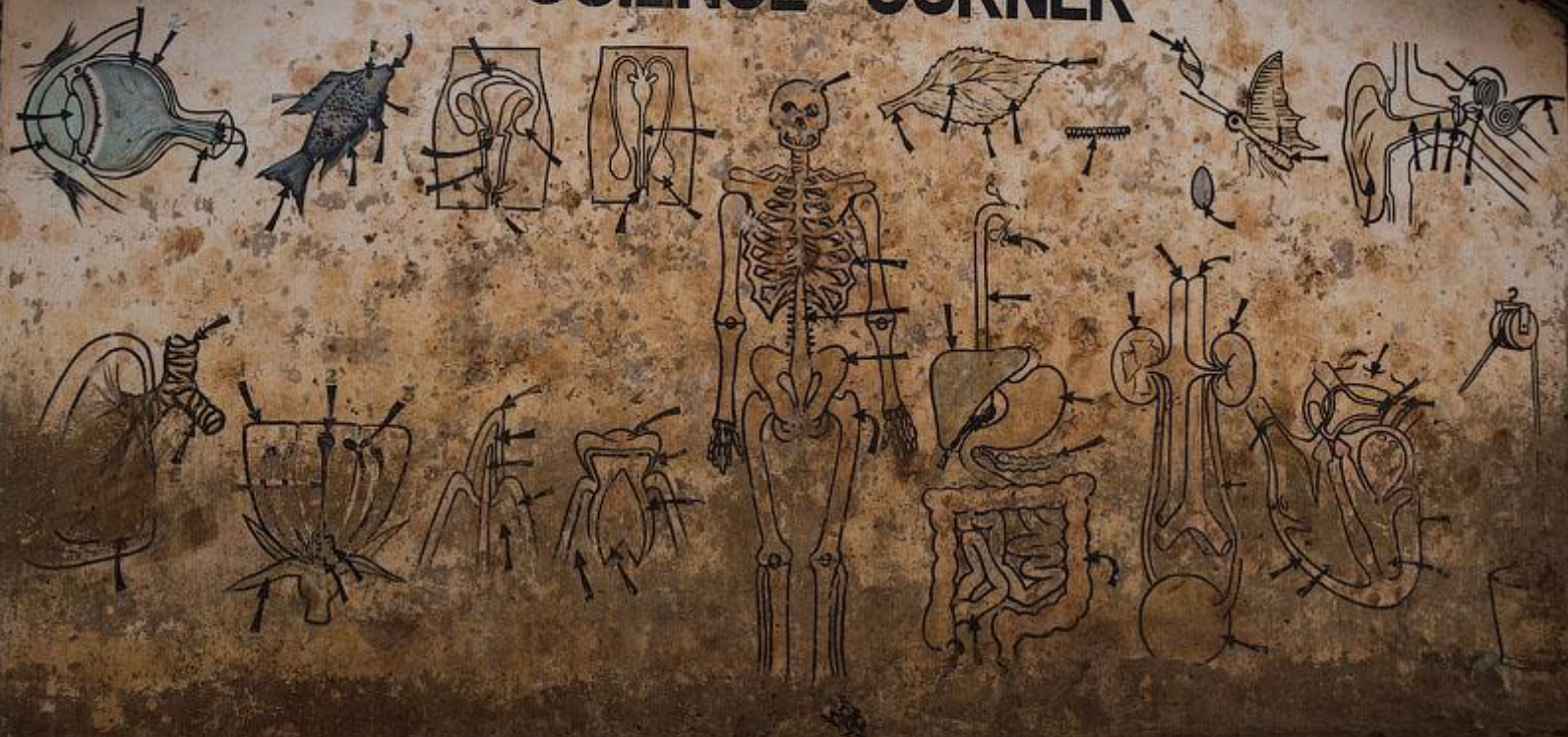
**Time**

- 60 seconds = 1 minute
- 60 minutes = 1 hour
- 24 hours = 1 day
- 7 days = 1 week
- 1 year = 365 days
- 1 leap year = 366 days

Surface Area of closed cylinder:  $2\pi r^2 + 2\pi rh$   
 Surface Area of an open cylinder:  $2\pi rh$



# SCIENCE CORNER







OTJIKANDERO  
SCHOOL  
WELCOMES



173 0067  
3  
2 = 16  
DRAFT  
CRAFT

Handwritten notes in Amharic script on a small piece of paper.

10/4/07

English



700 1- 100 Hhoo Pelditi

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
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

7  
7  
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9  
9





5-1-2016

Kusoma na Kuandika

a e i o u

aa ee ii oo uu

amba embe iko

aba abu

aga uga

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
41	42	43	44	45	46	47	48		
49	50								



