What's the big idea?

Original begin, start from the heart.

Maat, true indeed, I seed I fruit
Mathematics, matrix, institutes patterns.
123 uLearn Naturally iiiiiiiii, classic...
Measure of beauty and the mundane, ልክ (lk) to the max, seen!
Rational in proportion, be not mundane or bane.
Number, to infinity all things count! Still...
Base Ten bound? Then more, article, bases must be found, through
Equivalence and
Comparison, of relative values, be free to see

Operations mean... links of this to that, related, eternal families.
Properties revealed through practised operations...
         add, subtract, divide, multiply, again add infinitum. The
Basic facts correcting, dumb didi dumb dumb, magic all-go-rhythmic, algorithmic.
         like hand to wrist when writing... and sometimes tragic wrist to fist when fighting.
         Process calculated intentions, get the job done.
         But first...
Estimations of better made plans.
Patterns better played... to this, a
Variable beat,
Proportions, correct... ratio. I must keep
Related to higher functions, reap that power. Reap that! power.

Equate... inequality in
Shape and solid form
Orientate, locate and...
T r a n s f o r m.
Measure in space-time, consistent in-forming upright nations.
         x, y, z: stations of the cross.
Collect Data.
Re present ever deeper, inner concentration... in what may seem, a
Mean Mode. Me-dial, and distribute that coded dance of
Chance, in the knowledge of... One's... certainty. Tehwagi.

         Yes... that's me, from the heart.
             I be... Origin of All.
                 I be... Maat.
             I be, Original.   I be Original.
              I be Maat.   I be Maat.
             I be Original.   I be Original.
              I be Maat.   I be Maat.
             I be Original.   I be Original.
              I be Maat.   I be Maat.
             I be Original.   I be Original.
              I be Maat.   I be Maat.

Utterance by Tehwagi

Level Being 9 - uLearn Naturally GCSE Mathematics Project

14th November 2017 - This is a draft proposal for members' private consideration and collective consultation.

This is a two year uLearn Naturally (Unifiedknowledge) learning programme of focused education to attain beyond Level 9 GCSE mathematical consciousness and competence. Including preparation and entry into nationally accredited GCSE examinations in Maths. Over the course of this 2 year programme learners will receive the same amount of mathematical tuition as they would over approximately nine years of standard system learning. The fundamental difference being that within this Unifiedknowledge learning experience core ideas and competencies will be explored and consolidated through unified learning processes and learning projects evolving around our HSKE in Haringey (London) and the family homes of learners.

This service is underpinned by our **Home-School-Knowledge-Exchange (HSKE)** system which involves an integrated e-learning platform networked with other supportive resources and organisations [**Abundance Centres (UK)** ; uLearn Naturally Radio - ulearnnaturally.org, Black Open University - blackopenuniversity.eu, AC(UK) Member Trusts and more]. For a useful over simplification this can also be viewed as a **STEAM** programme, that is **STEM** (Science, Technology, Engineering, Mathematics) + **the Arts**.

This pilot project is **open to children aged 8 and above**.

The "u" in **uLearn Naturally** stand for **Unifiedknowledge**, this is the pedagogy that will be used in this **liberal arts** schooling. The term liberal arts is an old one, [Wikipedia begins its definition of it like this](#): *"Liberal Arts education (Latin: liberalis, free and ars, art or principled practice) can claim to be the oldest programme of higher education in Western history. It has its origin in the attempt to discover first principles - 'those universal principles which are the condition of the possibility of the existence of anything and everything."* The Unifiedknowledge recognises that in fact this programme of higher learning is rooted in Ancient Egypt (**kmt**). Unifiedknowledge is liberal arts education from an African place of being.

Unifiedknowledge practice treats mathematics as a central and critical subject, it is the study and application of patterns. We recognise three classically African fundamental ideas of maths, they are **Number** (**ቁጥር**), **Measure** (**ልክ**) and **Ratio** (**ክፍል**). First we secure basic consciousness and competence with these as part of our primary process of simplification. Studying contemporary methods of teaching mathematics we further work with **21 additional "Big Ideas" of mathematical thought and practice**. Gently, yet with great depth, we build consciousness and competence of these, adding to these a rigorous answer to the question "**What is mathematics?**", an opening exploration of the question "**What is the point of Origin**" and introductions to **Maat** (classical values of truth & ethics) as the highest value of classical African mathematics, the pursuit of universal truth (with proof).

In our integration of the liberal arts with **National Curriculum standards for England** we are working with **AQA** (Assessment and Qualifications Alliance) who are an independent education charity and the largest provider of academic qualifications taught in schools and colleges in the UK. We will be working to their **GCSE Mathematics (8300) Specification** (details of which can be found [here](#)). Want to see all the above as [a summary rap](#)?

Classical and other Big Ideas of Mathematics:										AQA Specification at a glance - Key sections -
EQUATIONS & INEQUALITIES	DATA DISTRIBUTION	DATA REPRESENTATION	OPERATION MEANINGS & RELATIONSHIPS	RELATIONS & FUNCTIONS	PROPORTIONALITY	MATHS?	COMPARISON	EQUIVALENCE		1. Number
										2. Algebra
SHAPES & SOLIDS	CHANCE	DATA COLLECTION	PROPERTIES	ORIGIN?	VARIABLE	ቁጥር	MAAT	BASE 10		3. Ratio, proportion and rates of change
										4. Geometry and measures
ORIENTATION & LOCATION	TRANSFORMATIONS	MEASUREMENT	BASIC FACTS & ALGORITHMS	ESTIMATION	PATTERNS	ልክ	ክፍል	NUMBER		5. Probability
										6. Statistics

Level Being 9 ™ - uLearn Naturally GCSE Mathematics Project ™

We will operate 4 days per week (proposed: Mon, Tue, Thur, Fri)

Class times and general timetable: 10am to 4pm,

- 6h total, 4.5h per day teaching time
  - 10.00am-12.00pm, 120m
  - 45-60m Lunch
  - 1.00pm-1.50pm, 50m
  - 20m Break
  - 2.10pm-3.00pm, 50m
  - 10m Break
  - 3.10pm-4.00pm, 50m

£11232.00 per year (per learner) for the first 1-4 learners enrolled. £9547.20 per year (per learner) for 5-9 learners enrolled in total. These figures should be considered a general idea, adjustments may be made before project finalisation.

For the pilot phase this project will accept a maximum of 9 learners.

Subject to the keenness of applications we are prepared to start in 2018.

Interested parents / families should checkout these links: [1], [2], [3], [4], [5]..

You will also find our Strategic Overview of the GCSE Reforms insightful.

- Learn more about the Unifiedknowledge pedagogy (approach to learning).

- What's the Big Idea? (Rap Video – intro to our Level Being 9 learning framework (pedagogy).

Brilliance
@ Abundance Centres (UK)

uLearn Naturally Learners' Co-op
strengthening the brilliance of the child

web: AbundanceCentre.org
web: uLearnNaturally.org
twitter: @uLearnNaturally
Facebook: uLearnNaturally

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Level Being 9 ™ - uLearn Naturally GCSE Mathematics Project ™

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