

NEW SUPPLEMENTARY LEARNING :

Level Being 9 uLearn Naturally GCSE Maths: Preparations for Mastery

This ground breaking after-school provision will help children (both primary and secondary aged) go far beyond Level 9 GCSE mathematical consciousness and competence.

Children and parents will be introduced to **Unifiedknowledge** approaches to learning, we integrate the learning of maths with creative arts and the sciences so that learning becomes humanely sensible and meaningful to the learner.

Preparations for Mastery will give children a deep and profound grasp of the three classical pillars of mathematics;

Number, Measure and Ratio ^[download].

With a right knowledge of these ALL other areas of study are made properly accessible.

Enrolment

We operate rolling quarterly (3 month) enrolment terms, during these periods you will be able to access up to 18 weekly classes. Each quarterly enrolment is for the full term which will start for you when you start.

Fees & payment options:

Payments are required in advance.



- 1) Full quarterly fee (by direct debit):
- 2) Monthly instalments (by 3 direct debits):
- 3) Full quarterly fee (by cash payment):
- 4) Monthly instalments (by 3 cash payments):

1 class
per week;
9 classes
per 3 mth
term:

£62.55
£22.05
£72.00
£28.00

2 classes
per week;
18 classes
per 3 mth
term:

£108.00
£37.80
£136.00
£49.00



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**Black Open
university**

Liberal Arts education from
an African place of Being

classes are at:

Chestnuts Community Centre
280 St Ann's Road, London N15 5BN

- Mondays & Tuesdays
- 4.15pm to 5.45pm
- from £4.50 p/h

**STEM
+Art
STEAM**



Reserve your place now online:
www.abundancecentre.org/courses

- **Download the current prospectus**
- **Download the enrolment pack and complete the form**
- **Pay subscriptions securely online, save time and money**
- **Contact us for more info:
tel: 07530038547**

Please note:

Typically classes will be scheduled to compliment standard school system (SSS) terms however it should be noted that our enrolment terms are modelled on natural quarterly season cycles. We reserve the right to schedule the classes over any of the designated Monday and/or Tuesday slots over the period of the three month (quarterly) term which may be outside of SSS time. Notice (5 days) will be given if service schedules need to be changed, this is not expected to happen frequently but may happen from time to time due to our national service delivery plans for **abunDANCE in Schools**.

We welcome One and All.

The **"Preparations for Mastery"** programme is developed from a full time tuition service which will be launched in 2018. This planned 4 day week full time service will be a new kind of alternative learning provision where children (typically 8y+, possibly younger) can learn with joy and pass the GCSE Maths consciousness and competence in just 2 years of our highly creative and unified full time tuition. Setting great foundations.

If you need more info please do contact us for full enrolment details: www.abundancecentre.org/courses

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 (᠘ᠲ᠘)**, **Measure (᠘ᠠᠨ)** and **Ratio (ᠨᠴ᠘)**. 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	<ol style="list-style-type: none"> 1. Number 2. Algebra 3. Ratio, proportion and rates of change 4. Geometry and measures 5. Probability 6. Statistics
SHAPES & SOLIDS	CHANCE	DATA COLLECTION	PROPERTIES	ORIGIN?	VARIABLE	᠘ᠲ᠘	MAAT	BASE 10	
ORIENTATION & LOCATION	TRANSFORMATIONS	MEASUREMENT	BASIC FACTS & ALGORITHMS	ESTIMATION	PATTERNS	᠘ᠠᠨ	ᠨᠴ᠘	NUMBER	

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 \(pedagogy\)\).](#)



For further information contact:

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