



Welcome to the Melanin Lounge: Your Guide

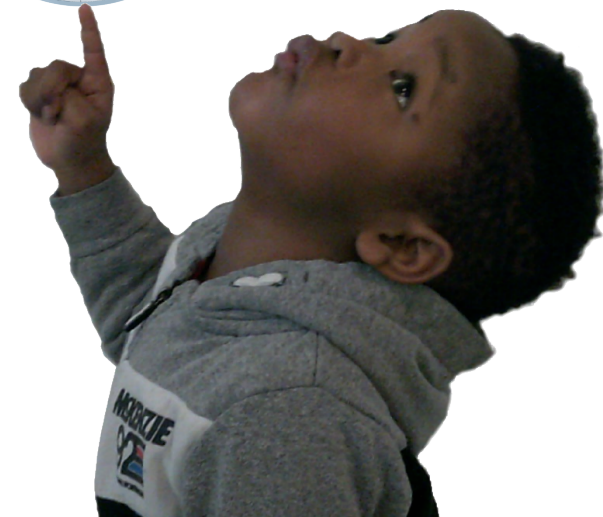
to our programme

March 12th to 18th
@ Chestnuts Community Centre, N15 5BN

Org: [uLearn Naturally Learners' Co-op](#)

Full Guide
Download: abundancecentre.org/scienceweek2018

Tel: 075 3003 8547 / 020 8144 1720



Welcome to the Melanin Lounge: Your Guide

Did you know that **STEAM** stands for **STEM + the Arts**, that's Science, Technology, Engineering, the Arts and Maths. At the **uLearn Naturally Learners' Co-op** we make ALL learning creative, related to nature and family friendly.

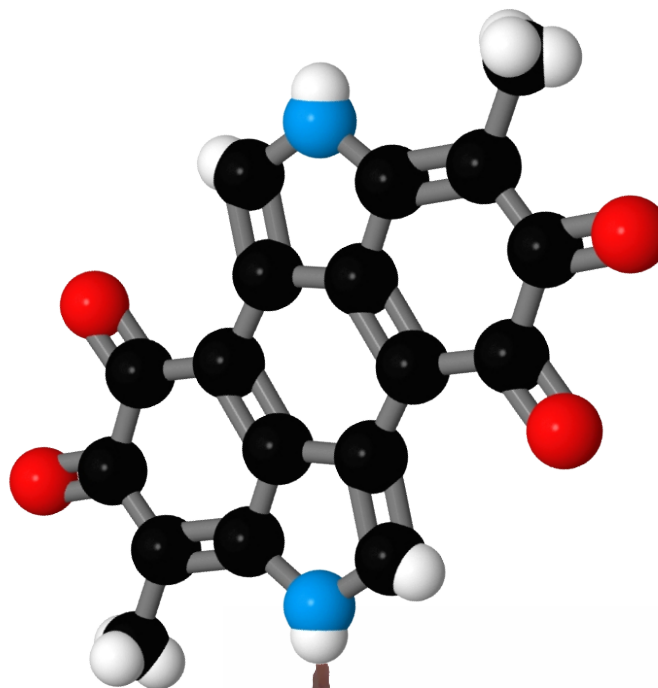
Come and enjoy a wonderful **British Science Week 2018** programme of **STEAM** focused events, be illuminated in the darkness of melanin (an organic molecule whose importance is growing in the world of science).

ALL are welcome, all events are free to attend (donations gracefully accepted).

Time to lounge with intelligence:

- Part 1 - Drumming the vibrations of Melanin
- Part 2 - Tehwagi at OM: Masters of Elemental Transformation
- Part 3 - Structures of Melanin and their related life processes
- Part 4 - House of Melanin (the big lounge)

Web: abundancecentre.org/scienceweek2018 **Tel:** 075 3003 8547 / 020 8144 1720



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**Black Open
university**

Liberal Arts education from
an African place of Being



Part 1 Drumming the vibrations of Melanin

Venue: Chestnuts Community Centre, N15

Date & Time: Bring a drum and play !

Monday 12th March 2018
4.15pm to 5.45pm

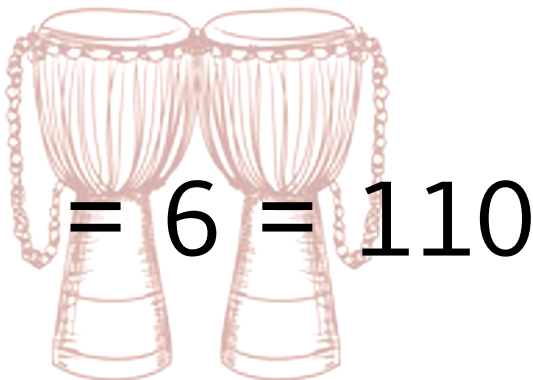
This event is for and about:

Children and young peoples 5 to 19 years old.

This is a drumming workshop the likes of which you've never experienced before! Introducing, through the drum, basic atomic chemistry ideas, core values of number as a tool of perception, binary and drumming rhythms that turn the atomic structure of Melanin (and any other molecular structure) into music expressions. WOW!



Carbon



Part 2 - Tehwagi at OM: Masters of Elemental Transformation

Venue: Chestnuts Community Centre, N15

Date & Time:

Tuesday 13th March 2018
4.15pm to 5.45pm

This event is for and about:

Children and young peoples 5 to 19 years old.

As part of our **Triple Darkness Space Probe** project a fun game is being developed called **Tehwagi at OM: Masters of Elemental Transformation**. The game, which involves dice and visualised movement around molecular structures, introduces basic atomic chemistry ideas, value of number as a tool of perception, playing where physical chemistry meets the metaphysical (ancient and new stories/ideas of elemental transformation learnt through play.

Tehwagi at OM – our prototype new role playing game is ready for an open day of open play.

[Water Crane](#) transform to [Air Crane](#), [Air Crane](#) transforms to [Fire Mantis](#), [Fire Mantis](#) transforms to [Earth Mantis](#), [Earth Mantis](#) transforms to [Water Crane](#)... thus a cycle is complete and repeats....

Play more, learn more, know more, **Be ::**



Part 3 - Structures of Melanin and their related life processes - a Unifiedknowledge perspective -

Venue: Laurels Healthy Living Centre, N15 5AZ

Date & Time:

Tuesday 13th March 2018
6.30pm to 8.30pm

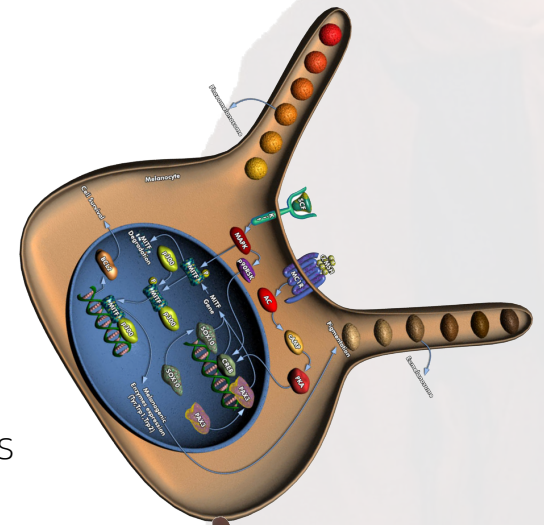
This event is for and about:

Adults and mature young people. Parents, teachers and other educators.

Astehmari Batekun, Principal Teacher at **Black Open University**, will guide attendees through a comprehensive introduction to the melanin molecule's structure and its related life processes.

This presentation will be from an **Unifiedknowledge** perspective, through which we strive to be free from: 1) the misnomers of modern scientific education (popular and technically used names and terms that are in fact misleading from the currently known facts), 2) paradigms (patterns) of Eurocentric science education that are broadly known to restrict access of people of non-european heritage due to implicit or explicit cultural bias.

From these standpoints (and deeper, more important ones) we will introduce and explore basic atomic chemistry ideas, the basics of melanin production in the human being; including the function of **melanocyte** and the **tyrosinase enzyme**. The presentation will also include a summary introduction to "Drumming the vibrations of Melanin" (see Part 1) and "Tehwagi at OM" (learning through advanced role-playing games).





LIKE THE PANGOLIN,
MELANIN PROTECTS
ONE'S UNDERLYING STRUCTURES



Arts installation, advancing STEM Part 4 - The House of Melanin

Venue: Chestnuts Community Centre, N15

Date & Time:

Sunday 18th March 2018
4pm to 8pm

STEM
+Art
STEAM

This event is for and about:

Children, young people, adults, families and elders.

Come and relax in our big lounge for an evening at **The House of Melanin**, be surrounded by ambient sounds of insightful melanin related science insights, short presentations by members of our **Level Being 9** complimentary learning programme (children and adults), guest teachers / artists, view immersive cinematic visual displays with our ground breaking 3D projection technology.

PEOPLESCIENCE
INTELLIGENCE UNIT



An evening of creative interaction,
endarkenment and illumination.

Contact us today for more info on
our Science Week 2018 programme:

Visit: www.abundancecentre.org/scienceweek2018

Tel: 075 3003 8547 / 020 8144 1720

ALL are welcome.



Forensic Science & Crime
Scene Investigations

Want to be
a detective for
a day?

Venue:

Ashburton Library
(inside Oasis Academy),
Shirley Road, Croydon
London CR9 7AL

Date & Time:

Saturday 17th March 2018
12pm to 3pm

This event is for and about:

Children, young people, (8-18 yrs)

With contributions from:

Keynote speaker: **Dr Lez Henry**, forensics school professionals, emergency services and other community members with specialist knowledge.

Children and young people will be given rare and specialist guidance on being a **CSI, a Crime Scene Investigator**. At the venue there will be a mock crime scene through which the participants will be given the basic principles and tools to start the investigation, a long the way they will be taught how to utilize different finger print capturing techniques and how to take a DNA sample from (fake) blood, saliva, hair and clothes. They will also learn how to explore motives of crime through more hands on activities plus searching for drugs or any other illegal substances.

At the end of the investigation participants will receive information about careers in forensic science as well as listening to talks from the local emergency services, members of the community affected by crime, and forensic students.

By putting together this **Science Week event** we want the young people to learn about the basic scientific approaches needed to start solving a crime scene and resolving crime, participants will learn first hand, from students themselves what it's like studying forensics in the UK.

For us at **Abundance Centres Croydon** the background objective is also to raise progressive awareness about crime (especially knife crime) in the community. We will breakdown misconceptions & stereotypes (knife crime affects every community), our Trust is all about developing and advancing solutions.

Contact us today for more info on this Science Week 2018 event - Tel: 074 1140 9700

Visit: www.abundancecentre.org/croydonscienceweek2018

Want to be a detective for a day ?

BECOME A CRIME SCENE INVESTIGATOR USING REAL LIFE FORENSIC TECHNIQUES TO EXAMINE EVIDENCE

Meet forensic experts, forensic science students and crime prevention organisers

AGES: 8-18 YRS OLD
When: Sat 17th March
Where: Ashburton Library, CR9 7AL

Book your free ticket



Reaching local communities around N15 (& Haringey) with . . .
Interesting and creative approaches to learning : www.uLearnNaturally.org/mediaservices

TEL :
020 8144 1720
075 3003 8547

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THE FUTURIST

a STEAM'd uP³ Magazine

Science, Technology, Engineering, the Arts and Mathematics

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**We are now recruiting
volunteers and staff team
members NOW !**

Take advantage of this special opportunity to enhance and share your skills through the development of our ground breaking projects. Contact us now for details.

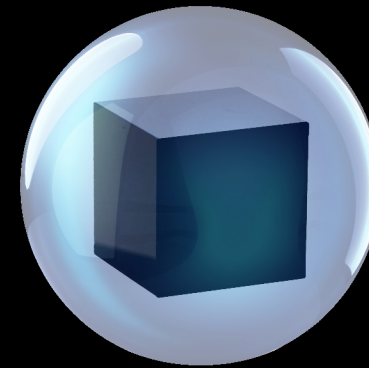
- **Media Production Team**
- **Marketing Team**
- **Editorial Team**
- **Administration Team**



Contact us now for more info:

Visit: www.abundancecentre.org/contact-us

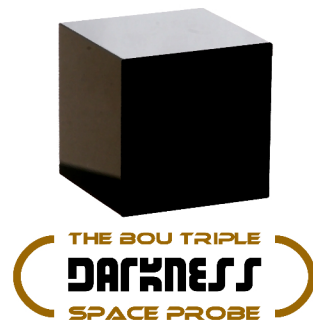
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GLOBAL APPEAL

Support panAfrica's 1st space probe,
launching authentic messages from panAfrica
... we are probing the space ...

Our voice, deep in the triple darkness, imagine the freedom !



The **Black Open University** is preparing to send a CubeSat into space. It will carry messages from panAfrica and an experiment to test melanin battery power.

Help the project further define the mission specification by adding your thoughts on what messages (audio, image, written etc) should be in the probe. What other experiments do you propose Should be included in our CubeSat? **Get involved now.**

<http://blackopenuniversity.eu/projects>



Black Open
university

Liberal Arts education from
an African place of Being

How can you get involved?

The first stage of the **Triple Darkness Space Probe** project is to prepare an outline the **basic project brief**. This will enable us to prepare a more detailed **project plan** and more accurately calculate the budget requirements. The project plan will also help us **consolidate our project partnerships and consultancy requirements**.

Please **join our Space Probe Discussion Forum**, we have established a separate space for these initial discussion so that the quality of reasoning and determination can be well moderated.

Visit the forum today, register as a member and start sharing your comments, ideas and questions.





A new kind of
Supplementary Learning

GCSE Mathematics

Learnt in the context of STEAM:

Science, Technology, Engineering, the Arts, Mathematics

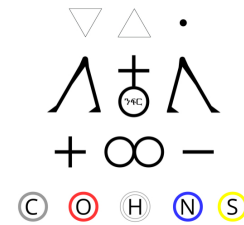
For learners from 5-19y.

Using the Unifiedknowledge approach to Education we teach the Big Ideas of mathematics through creative liberal arts education from an African place of being.

Classes open to all.
#uLearnNaturally

[BlackOpenUniversity.eu/LevelBeing9](https://blackopenuniversity.eu/LevelBeing9)

T: 020 8144 1720 or Principal Astehmari: 075 3003 8547



Black Open
university
Liberal Arts education from
an African place of Being

Hair Structures & the Alpha Helix Design

Learn the science of hair structures through
the natural Unifiedknowledge approach
to education and personal insight

ENROL NOW

W: blackopenuniversity.eu/courses

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T: 075 3003 8547

Unique, deep and meaningful knowledge,
from the hair root to the atomic level and
beyond. Learning made easy for you.



STEM
+Art
STEAM

UNDERPIN YOUR PRACTICAL KNOWLEDGE & BEAUTY WITH SCIENCE

HAIR STRUCTURES SCIENCE COURSE
WWW.ABUNDANCECENTRE.ORG/COURSES

STEM
+ Art
STEAM

Hair Structures Science
from an African place of being.

Hear this testimonial from

Leslie Ann Saunders
Master Braider

<http://broadcast.ulearnnaturally.org/podspace/?p=475>



abunDANCE workshops - potential themes

MORE INFO: www.ulearnnaturally.org/thinkout/workshops

● Making Patterns - Fun-da-Mental Points (lines, and angles too)

Relating dance movements to fundamental maths ideas gives a stronger internal foundation for young people to build mathematical insight, creativity and enjoyment.

● Introducing the Art of Mathematics - Part 1

Mathematics viewed from cultures panAfrica - its simple and omnipresent. Learning the Mathematician's Charter - Keywords explored; observe, record, enjoy, estimate, calculate, forecast, visualise.

● Reasoning and the Art of Mathematics - Part 2

Principled visualisation, the greatest purpose of maths. Helping young people value mathematical reasoning, language and empowerment.

● Number, Measure and Ratio - the old school classics

These three mathematical ideas have a special depth that when explored can be found to bind many other aspects of maths, the sciences, the arts, nature and general lifeskills studies. There is a great and liberating value when gaining consciousness and competence in them. We explore these ancient classics from refreshingly diverse cultural view points.

● I Count Too - Binary Drumming

Counting with one hand, counting with two things. Looking at music and number in a deeper way we explore an ancient basis of drum language. Alternate ways of counting combined with rhythmic harmony development make a great way to enhance the value and utility of number.

● Special Powers in the Hands of Children

5 important reasonings on power that every child should know, supported by interactive explorations into the meaning of peace development and the realisation of wisdom. Core mathematical ideas as they relate to harmony, energy, work, power and wisdom. Becoming an advance learner.

● Transformations of Winchi

Maths taught through dance - the African Crowned Crane bird in rotation, reflection, enlargement and translation.

Transformational studies: In this our most popular abunDANCE in Schools workshop we dance like birds (Winchi, the African Crowned Crane), exploring closely how our dance movements and gestures express the mathematical ideas of transformation and other interrelated principles/themes. We work through and practice physical and mental exercises that build determination and mind-breath-body harmonisation. Then, as a grand finale, we bring it all together for the great show, the part of our dance programme we call The Ngoma; bringing principles and free creative expression together naturally in abunDANCE.

● ግዛት Gzat: The Province of One

Introducing foundational maths principles of space through cultural metaphor. Drawing (visual art) and warrior dance movements combined enhances this multi-sensory learning.

● Valuing the Quest for Truth

Ancient views of maths saw a unity of mathematical "truths" with personal and social character development, ethics and justice. Exploring the educative culture of the world's oldest recorded mathematical geniuses and natural philosophers.

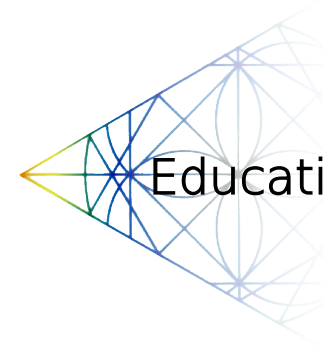
in Schools

in Community

Science Week

Projects

Resources



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Educating with Unifiedknowledge Foundation Course One

Start: Ongoing open enrolment, Enrol NOW.

Duration: 3 months (with flexibility).

For: Parents, Teachers and other Professionals.

What does the course cover?

Educating with Unifiedknowledge introduces an approach to learning where maths, culture, art, nature and science are explored in ways that make education properly connected to classical and contemporary African heritage cultures.

The course defines the culture and objectives of **the Unifiedknowledge pedagogy** (the approach to learning). Then explores its principles (guiding ideas), processes (ways of working) & protocols (codes of conduct & etiquette).

You will gain a rich insight to each of these points and the oversight of how they interrelate with each other.

Web: www.abundancecentre.org/courses

Tel: 075 3003 8547 / 020 8144 1720

Three parents, all teachers, share their thoughts on Educating with Unifiedknowledge

In this podcast you will hear from three members of the **Black Open University** who have been attending the course called **Educating with Unifiedknowledge**, learning about the **culture**, **objectives** and **principles** of this nature/family/learner centric approach which resonates from an African place of being. Each has a child who is also attending our **Preparations for Mastery - Level Being 9** classes.

Hear their insightful testimonials now.



<http://broadcast.ulearnnaturally.org/podspace/?p=470>



uLearn Naturally Learners' Co-op;
Check out these links and contact us today.

ALL are welcome.

Visit: Our Science Week 2018 programme:
www.abundancecentre.org/scienceweek2018

Visit: Level Being 9: Learning for children:
www.abundancecentre.org/levelbeing9

Visit: Triple Darkness Space Probe project:
www.abundancecentre.org/spaceprobe

Visit: Courses listing:
www.abundancecentre.org/courses

Tel: 075 3003 8547 / 020 8144 1720

eMail: learning@abundancecentre.org

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



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

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