

educational

Download the full 8 page guide:  
[www.uLearnNaturally.org/thinkout/guide](http://www.uLearnNaturally.org/thinkout/guide)



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# uLearn Naturally

*for children, parents, families and teachers*

Spring 2017 Prospectus

## Welcome to the circle of unified learning.

- [AbundanceCentre.org](http://AbundanceCentre.org)
- [uLearnNaturally.org](http://uLearnNaturally.org)
- [BlackOpenUniversity.eu](http://BlackOpenUniversity.eu)
- T: +44 (0)20 8144 1720

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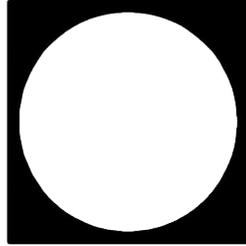
in Schools

in Community

Science Week

Projects

Resources



**abunDANCE**  
in Schools

abunDANCE in Schools is a unifiedknowledge (yeht'mr urwuk'eht) learning programme for primary and secondary schools as well as tertiary level education. Essentially we use 'dance' and a diverse range of cultural arts to teach core ideas of maths, the sciences, lifeskills, citizenship and respect.

"abunDANCE" is an experiential approach to education that brings about a knowledge of "unifiedknowledge"; our unified (cross-curricular) approaches to learning, self-expression and respect that organically nurtures young people, bringing out their best.

የጥምር ሰውቀት yeh'tmr urwuk'eht (more commonly known as unifiedknowledge) promotes the wholistic (unified) expression and experience of maths and science in nature. Thus we value maths, art and science as intrinsically integrated subjects.

Our approach seeks to reveal the inter-relationships of these subjects with nature as the 'practical' or 'visualised' classroom / theatre, thus our method minimises presenting them as separate or abstract.

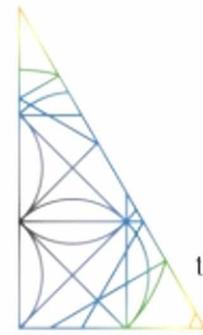
In unifiedknowledge workshops and classes the idea of mathematics is simplified to 'the study and application of patterns' which, with a little guidance, helps everyone recognise it as underpinning other subjects whether they be language, science, physical education, heritage, geography, history, agriculture, astronomy and so on. The sciences we observe as specialist fields of mathematics.

For bookings enquiries contact:

**Clarence Nourrice**

*Bookings Team Leader  
Schools Of Unified Learning*

T: 020 8144 1720  
M: 075 3003 8547  
E: [learning@abundancecentre.org](mailto:learning@abundancecentre.org)



abunDANCE

the Art of Mathematics

maths taught through dance



# abunDANCE workshops - potential themes

MORE INFO: [www.ulearnnaturally.org/thinkout/workshops](http://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.



### Member Trusts of Abundance Centres (UK):

We support the development of various kinds of learners' co-operatives; home educators, teachers, childminders, social workers, residents and virtually any kind of community group or collective could benefit from our Member Trust governance model.

**NETERU UNIVERSE LEARNERS' CO-OPERATIVE**

living, learning and being

NEW Member Trusts in profile, links to more info:

- **Abundance Centres (Croydon) Development Trust**
  - MORE INFO: [www.ulearnnaturally.org/thinkout/acc](http://www.ulearnnaturally.org/thinkout/acc)
- **Neteru Universe Learners' Co-operative**
  - MORE INFO: [www.ulearnnaturally.org/thinkout/nulc](http://www.ulearnnaturally.org/thinkout/nulc)
- **Abundance Centres (Lambeth) Development Trust**
  - MORE INFO: [www.ulearnnaturally.org/thinkout/acl](http://www.ulearnnaturally.org/thinkout/acl)

*You can join any of these educational Trusts. Become a general member today.*

*If you are forming or working in a group or collective that has a clear relationship to learning and / or strong community development goals then perhaps our Member Trust governance model can help your organisation grow more sustainably.*

MORE INFO:  
[www.ulearnnaturally.org/thinkout/govern](http://www.ulearnnaturally.org/thinkout/govern)

### uLearn Courses:

- **uLearn Naturally Classes**  
*Cross curricular learning from an African place of being.*
- **Binary Drumming Classes**  
*Language, maths and science through the drum. Perfect harmony and concentration.*
- **Dankira Tehwagi**  
*African Warrior Dance  
Mind-Breath-Body harmony.  
Maths dance.*

binary  
**Drumming Class ::**  
the art of mathematics. for adults & children.

The ultimate unified language: write it, hand sign it, sing it & play it. Develop concentration and unity (peace).

1100

**Enrol Now!**  
text, email or call for more details

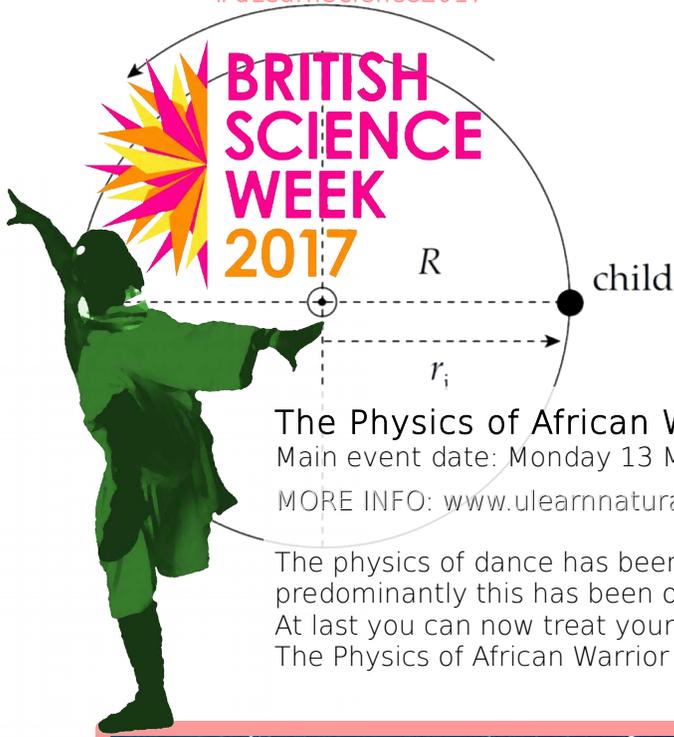
075 3003 8547 \* [learning@unifiedknowledge.org](mailto:learning@unifiedknowledge.org)

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(yeht'mr urwuk'eht, "unifiedknowledge")  
[www.ulearnnaturally.org/thinkout/vision-map](http://www.ulearnnaturally.org/thinkout/vision-map)  
VIEW uKnow Global MIND MAP:

- **uKnow Pedagogy e-learning**  
*Learning to learn from an African place of being; for parents and other educators' overstanding.*

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#uLearnScience2017



**BRITISH  
SCIENCE  
WEEK  
2017**

[www.ulearnnaturally.org/thinkout/bswrap](http://www.ulearnnaturally.org/thinkout/bswrap)  
MORE INFO:

SPECIAL GUEST:  
Jon Chase



RapScience:  
Workshop Show

### The Physics of African Warrior Dance

Main event date: Monday 13 March 2017:

MORE INFO: [www.ulearnnaturally.org/thinkout/bswdance](http://www.ulearnnaturally.org/thinkout/bswdance)

The physics of dance has been explored by Universities globally, but predominantly this has been on ballet and other western dance forms. At last you can now treat yourself to a master class exploring The Physics of African Warrior Dance with **Astehmari Batekun**.

**BRITISH SCIENCE WEEK 2017**

**Principles of Africa's Culture in Astronomy explored through a pop-up (community built) Planetarium !**

**ulearn**  
Naturally Radio

**bridge**  
BRIDGE

**Chestnuts Community Centre**  
St Ann's Road, Tottenham

**London N15 5BN**  
Thurs 16<sup>th</sup> March - 5-9 pm  
Sunday 19<sup>th</sup> March - 3-9 pm

### Principles of Africa's Culture in Astronomy explored through a pop-up (community built) Planetarium !

Key event dates: Thurs 16 and Sun 19 March 2017:

MORE INFO: [www.ulearnnaturally.org/thinkout/bswastro](http://www.ulearnnaturally.org/thinkout/bswastro)

Africa was conscious and competent at the dawn of global astronomical practices. This is seen through numerous ancient architectural structures, folklore, myths, sacred practices, calendar developments, navigational techniques etc. thus Africa is really very rich in the heritage of astronomy.

Indigenous, endogenous, traditional, or cultural astronomy focuses on the many ways that people and cultures interact with celestial bodies. African cultural astronomy is an interdisciplinary field with intersections in the fields of anthropology, history, religion, African studies, science studies, art, folklore, mathematics and astronomy. Join us as we journey with the principles of Africa's Culture in Astronomy explored through a pop-up (community built) Planetarium !

We will share the principles of constructing a dome from triangular unit forms. Then enjoy projection shows of outer space as we project our minds beyond all apparent limits.

in Schools

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## Home School Knowledge Exchanges

built upon dynamic & high quality educational media services.

Currently we are working with community centres in

- Haringey &
- Lambeth

We are building a ground breaking kind of educational media service (in print and on radio). On this we are developing well Home-School Knowledge Exchanges (HSKE) projects with local "schools" which we define broadly as "centres of determined learning" e.g. libraries, youth provision, learning projects / events, children's centres, primary and secondary schools etc. This project seeks to create community led infrastructure that allows the home-learning centre connection to work in **more effective** ways and far **more innovative** ways, thereby raising learning outcomes and social impacts.

*School partnerships and local volunteers wanted.*

*Get involved now:*

MORE INFO: [www.ulearnnaturally.org/thinkout/hske](http://www.ulearnnaturally.org/thinkout/hske)



"The **uLearn Naturally Centre - Loughborough Park EYE** welcomes our community's children and families. We imagine a learning space where professional educators and families open the world of learning and discovery to children and families by engaging their natural curiosity and creativity. As facilitators of quality early years experiences we are inspired by successful best practices and recognize our central responsibility to prepare children and their environments for a future of brilliant learning and well being."... a taste of our vision.

*Help us launch this ground breaking new space...*

a new kind of Early Years Experience in Brixton.

MORE INFO: [www.ulearnnaturally.org/thinkout/eye](http://www.ulearnnaturally.org/thinkout/eye)



## MiCE Sister Schools programme: Mathematicians in Creative Expression

In partnership with Addis Ababa University and local Ministries of Education we are facilitating partnerships between UK schools and schools in East Africa – international academic creativity projects and network developments leading to exceptionally rich learning experiences for students, teachers and families across apparent international borders.

*London school partnerships now welcome.*

MORE INFO: [www.ulearnnaturally.org/thinkout/mice](http://www.ulearnnaturally.org/thinkout/mice)

# Abit's Secret - ground breaking storybook for children, parents and teachers

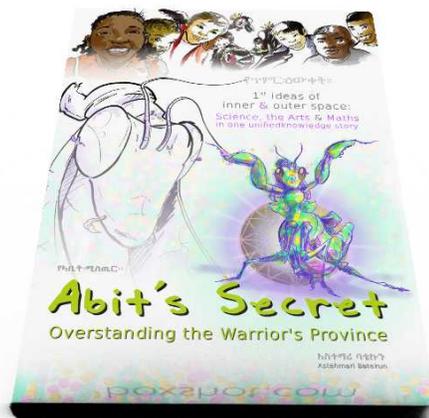
SKU: abits-secret, £9.95

MORE INFO: [www.ulearnnaturally.org/thinkout/abit](http://www.ulearnnaturally.org/thinkout/abit)

Three, young, African Crowned Crane birds (the Winchi) catch a glimpse of Abit's inner world. The wise Praying Mantis 'Abit' allows them a taste of her wonderful insights on space, **Abit's Secret**.

Abit's Secret is a ground breaking storybook for children, parents and teachers that journeys deeply (and with fun) into space to reveal its beautiful creative patterns (as found when studying life with maths and science).

Abit's Secret reveals a new creative and highly integrated way to learn the first key ideas of inner and outer space (geometry and beyond); Now Science, the Arts & Maths are naturally unified fun for all... Unifiedknowledge.



in Schools

in Community

# Hair Structure Science - Poster Sheet 1. SKU: hss-s01, £13.95

Biological structures in hair from the root to the elemental level.

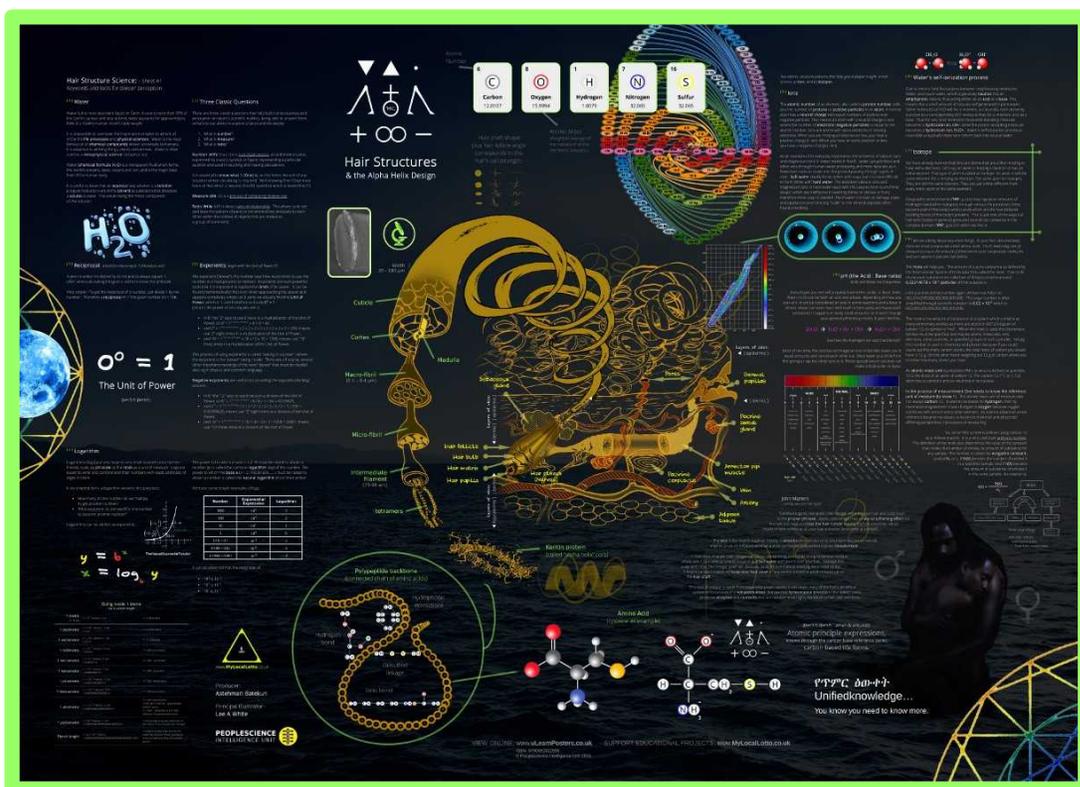
MORE INFO: [www.ulearnnaturally.org/thinkout/hair](http://www.ulearnnaturally.org/thinkout/hair)

Watch this intro video: <https://youtu.be/aw3iRKDY5yY>

The team at Peoplescience have produced this poster, it powerfully introduces the biological structures in hair from the root to the elemental level. Here is a taster video (<https://youtu.be/aw3iRKDY5yY>) where **Astehmari Batekun**, as the Principal Producer speaks on the many areas covered by this great educational learning resource, we've highlighted the importance of these study areas as keys to enhancing a broader biological knowledge of Self.

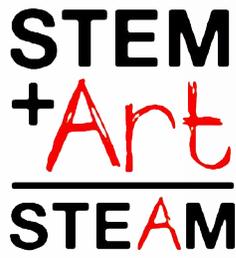
This learning resource introduces hair structures in a powerful new way, it gently brings to mind all the key maths, biology and chemistry ideas that are needed for critical overstandings and enhanced visualisation. For the first time it features the African coiled hair structure in a high quality biological cross section display, however it should be noted that the poster's key learning points are relevant to all people. Produced in the pedagogy of Unifiedknowledge this poster transcends "hair" as it covers core ideas that relate cross-curricular (integrated learning).

Science Week

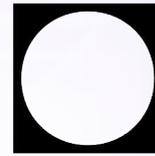


Projects

Resources



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(yeht'mr urwuk'eht, "unifiedknowledge")



**Brilliance**

@ Abundance Centres (UK)

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

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

**Resource Links Summary:**

Download the digital (pdf) version of this guide, then use the links below to quickly get to more info on each featured resource + more.

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<a href="#">BSWastro</a>	<a href="#">HSKE</a>	<a href="#">EYE</a>	<a href="#">MICE</a>
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