

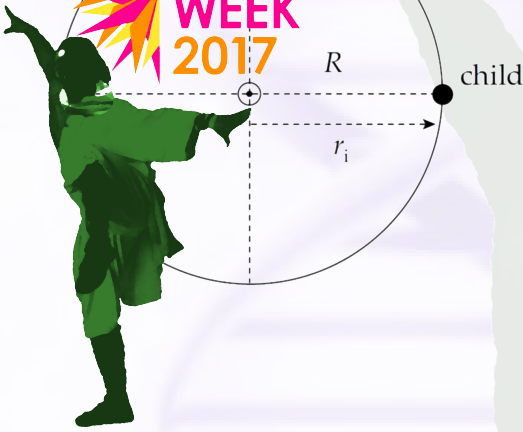
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#uLearnScience2017

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uLearn Naturally Learners' Co-operative

BRITISH
SCIENCE
WEEK
2017



At its best, dancing appears fluid and effortless. The skilled dancer knows (by their body and higher consciousness at least) the mechanics involved and how those can be used to influence performance results. With some knowledge of the physics behind basic dance movements, a dancer can learn to jump higher, spin faster and move more quickly. As dance can be a great metaphor for life this art science connection can be translated into other areas of learning with great effect.

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

Schools Of Unified Learning and Neteru Universe Learners' Co-operative (NULC) have been researching this and other gateway areas of study to further support more diversity in the BAME community's value and access of the sciences and STEAM.

We have prepared a special day of interactive learning for the whole family, and we do mean the whole family from toddlers to teenagers, adults, parents and other educationalists. Although we will be introducing relatively advanced ideas at the GCSE level of physics studies our unified approach to education will ensure that everyone is engaged and able to learn abundantly.

This very special BSW master (dance & reasoning) class will:

- 1) Introduce basic movements of African Warrior Dance (martial-cultural-arts-science) along with the broader ethos of such practices.
- 2) Introduce principles of Unifiedknowledge approaches to learning.
- 3) Introduce some key physics vocabulary; velocity, momentum, force, gravity, angular velocity, angular momentum, centrifugal force, torque, centre of gravity, balance, the physics of turns, the illusion of floating, effects associated with body size and much more.
- 4) Introduce the language of mathematics in science for parents, the primary-educators.

the physics of African Warrior Dance

MORE INFO: <http://www.ulearnnaturally.org/thinkout/bswdance>



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

SPECIAL GUEST:
Jon Chase



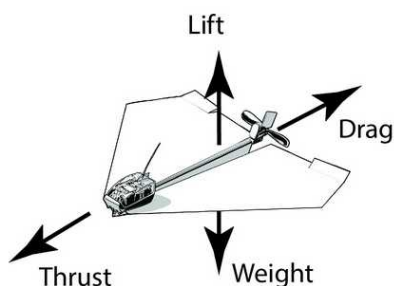
RapScience:
Workshop Show

ABUNDANCE CENTRES CROYDON PRESENTS

NATIONAL SENSATION & SCIENCE RAPPER:
JON CHASE aka "OORT KUIPER"

Jon Chase is a freelance science communicator and rapper based in South Wales. Having completed an honours degree in Aerospace Engineering he then gained a BSc in Science and Science Fiction and a Masters degree in Communicating Science. Jon was also an associate lecturer at the University of Glamorgan for a year following graduation.

These science workshops are for children aged 5-14 years old, all ages welcome subject to parental overview.



Reception 2:00pm



Rap Science Space

[WORKSHOP A] 2.30pm-3:45pm, Suitable for KS2 – Learn about planet Earth and its relationship to the solar system through the use of rhymes and demonstrations. What's special about planet Earth. What are the seasons all about? What is the Sun? What is our atmosphere made of? Find out answers to these and much more with rapping science presenter Jon Chase.

Science of Flight

[WORKSHOP B] 4:00pm-5:00pm, KS1 is based around a science rap created by Jon Chase that featured in the CBeebies' series Rhyme Rocket. The children engage with the basics of flight including what flight is, how flight is achieved and the benefits of flight.

[WORKSHOP C] 5:30pm-6:45pm, KS2 looks at the basics of aerodynamics; using practical activities to investigate thrust, drag, lift and gravity.

At the end of each workshop you will be treated to a special science rap!

Tickets: Prices are per family:

£12 for 2 workshops

£15 for 3 workshops

MORE INFO:

www.ulearnnaturally.org/thinkout/bswrap

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

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Astronomy is one of the oldest science disciplines.

Modern astronomy is a term used to refer to the scientific discipline in which we collect, correlate and interpret data pertinent to our entire observable universe from our galaxy to the farthest reaches of extragalactic space.

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 inter-disciplinary 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 !

Africa is home to many long-standing cultural traditions that include knowledge gained through practice and scientific observations of the sky. During this year's science week we will share some insight on the Borena's grand Ethiopian heritage of time reckoning and space observations. In the months thereafter we will continue to pop-up inside various other ancient traditions of Africa including those of West Africa and Ancient Egypt (Kemetic). Did you know as far back as 5000 years ago, Egyptians were already using the knowledge of astronomical events (Sirius star) to time their farming. Come and join us in the dome of higher knowledge in deep learning and rediscover how they discovered these kinds of insight and re-become the light of the world.

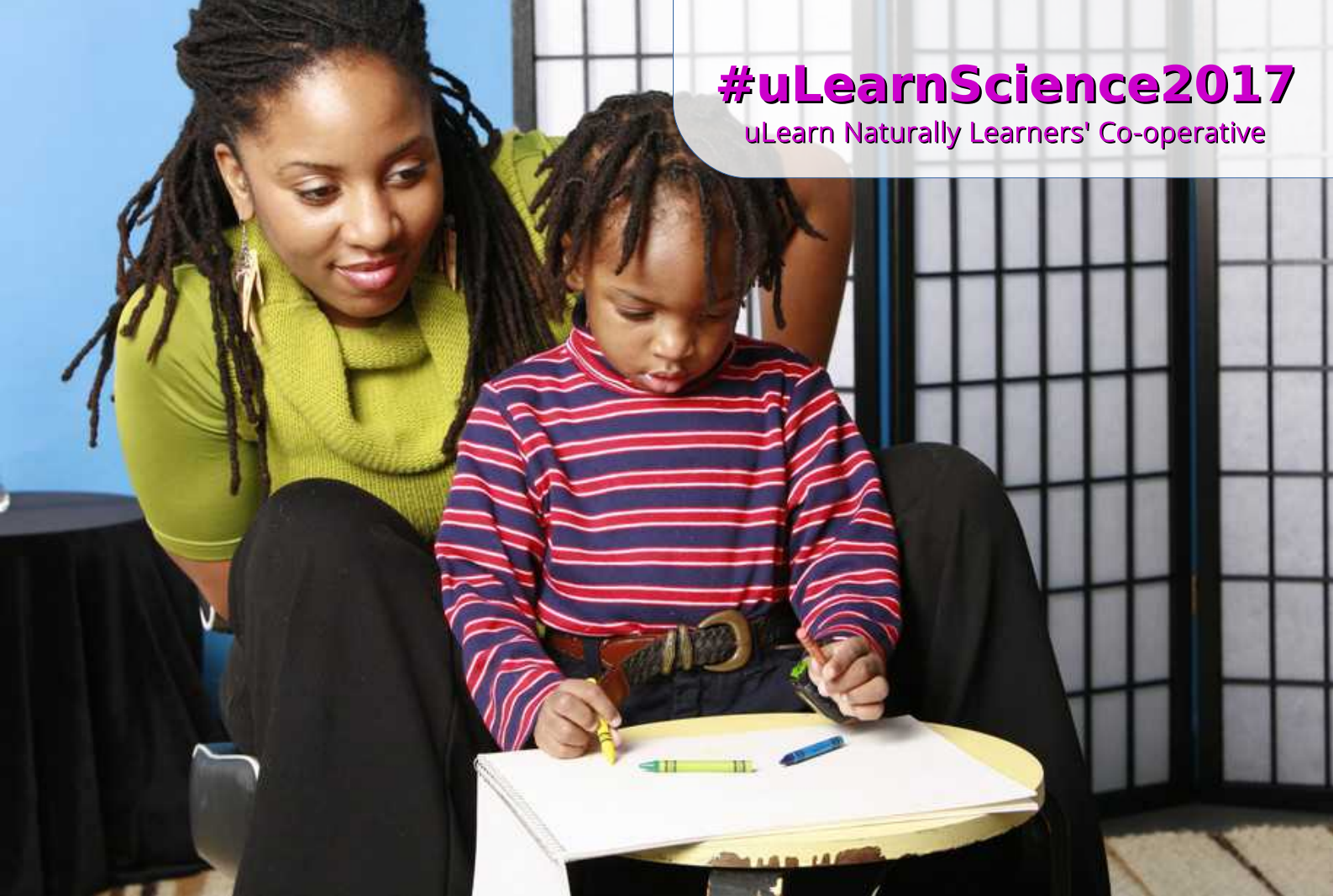
We will share the principles of constructing a dome from triangular unit forms. Enjoy projections of outer space as we project our minds beyond all apparent limits.



MORE INFO: <http://www.ulearnnaturally.org/thinkout/bswastro>

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uLearn Naturally Learners' Co-operative



The uLearn Naturally approach to education:

Build your STEAM up from an African place of being:
Teacher Training for parents and other teachers.



- Teaching Maths (& Science) Through Dance:

Course Reference: Maths-Sci-Dance

For parents, maths teachers, dance teachers and everyone in between. Educators will be taught how we facilitate our “Transformation of Winchi” workshop.

- A complete summary introduction to the Unifiedknowledge pedagogy:

Course Reference: Total-Pedagogy

How Traditional World Cultures teach core ideas of science & maths through cultural arts. Why learn about alternate pedagogies from other cultures? Defining the Unifiedknowledge pedagogy and exploring how it works in schools and Communities?

- Teaching Maths (& Science) Through the Drum:

Course Reference: Maths-Sci-Drum

Learn the proper path to mastering number through our unique binary drumming technique. Educators will be taught how we facilitate our “I Count Too – Binary Drumming” workshop.

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

uLearn Naturally Science Week 2017:

MORE INFO: www.ulearnnaturally.org/thinkout/bsw-all

A week of wonderful learning enrichment !

Sun Mar 12, 2017

2pm - 7pm

Jon Chase ("OORT KUIPER") RapScience Workshop Show

Where : Room A2, Chestnuts Community Centre, 280 St Ann's Road, London N15 5BN
Modest costs apply: www.ulearnnaturally.org/thinkout/bswrap

Mon Mar 13, 2017

10am - 4pm

The Physics of African Warrior Dance - [rich exploration; 3 sessions]

Where : The Wharf Rooms, Imperial Road, Imperial Wharf, London SW6

Tue Mar 14, 2017

5:30pm - 9:30pm

The uLearn Naturally approach to education: Teacher Training for parents and other teachers.

Where: Bridge Meetings Room, The Laurels Healthy Living Centre,
256 St Ann's Rd, London N15 5AZ

Abundance Centres (UK)
In partnership with



Thu Mar 16, 2017

5pm - 9pm

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

Where : Main Hall, Chestnuts Community Centre, 280 St Ann's Road, London N15 5BN

Fri Mar 17, 2017

10am - 2pm

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

Where : Main Hall, Chestnuts Community Centre, 280 St Ann's Road, London N15 5BN

Sun Mar 19, 2017

3pm - 5pm

The Physics of African Warrior Dance - [lite intro: 1 session]

Where : Main Hall, Chestnuts Community Centre, 280 St Ann's Road, London N15 5BN

6pm - 9pm

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

Where : Main Hall, Chestnuts Community Centre, 280 St Ann's Road, London N15 5BN