

Science on Stage presents:

An evening of Music, Science and Dance

To include

The Armed Man

by Karl Jenkins

Directed by Jon Wakefield

Samantha Hay Soprano
David Butterworth Organ

April 1st 2006 at the Albert Hall Nottingham

We would like to thank the following organisations for their support:

Arnold Hill School and Technology College
'In Accord' Chamber Choir
Flying High School of Dance and Drama
The Gedling Comprehensive School
The Carlton Digby School
Arnovale Junior School
Arnbrook Primary School
Coppice Farm Primary School
Willow Farm Primary School
Ernehale Infants School
Woodthorpe infants School

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Arnold Hill School and Technology College
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Please note that strobe lighting and loud noises will be used during this evening's performance

Welcome : Jon Wakefield

Science on Stage

A selection of science performance pieces offering entertainment and enlightenment, introduced by David Quick.

1 The first three billion years (from 'Little Blue')

A suite of 3 pieces, 'Starting Life', 'Making Air' and 'Arrival of the Herbivores' which takes us from the origins of plant life in the warm seas of the young earth through the efforts of the plants to produce the atmosphere that we now know before closing with the ending of the era of plants as animals arrive on the scene.

Danced by 'Flying High', sung by the choir and spoken by: Carly Dykes and Laura Woodward

2 Light capture (from 'Twister's Run')

Plants were able to work their magic thanks to a process called photosynthesis. This turns sunlight, CO₂ and H₂O (that's carbon dioxide and water) into sugar and oxygen. Very useful for us. In this pair of pieces we see the fast moving photons (pieces of light) coming into the reach of Sergeant Chlorophyll and his boys who do their best to catch them.

Danced by AHS Dancing Boyz and Ernehale Infants, sung by the choir

3 Sneak attack (From 'Twister's Run')

Plants are the only living things that can make food without causing harm to other living things...animals have to prey on plants to get their food. Sometimes this is a direct attack, like eating a salad, sometimes indirect, like eating corn-fed chicken. Sometimes it is more subtle. Enter the aphids. All are female, all have a deadly feeding needle, all hunt the veins in a plant which carry the sugar rich sap. All are hungry. They are hatching out around now ..as portrayed in the first piece..'Aphid Swarm' and will look for victims..as in the second..'Morning Mist'. (By the way....they poo pure sugar so ants, who love sugar, 'farm' them so that they can eat it...look on your cotoneasters)

Danced by the Arnold Hill Ballet Group, and Ernehale Infants, sung by the choir,
Morning Mist soloist : Laura Woodward, With Amy Southgate, Emma Woods, Carly Dykes
Saxophone: Tony BellPiano: Jon Wakefield.
Readers: Harriet Cameron, Christen Woods, Ashanti Payne.

4 Ebony and Scarlet (from 'Electric metal')

We finish with the finale of 'Electric Metal' in which the pecking order of metals that is the electro-chemical series is blown away by the arrival of electricity...negative and positive, black & red, ebony and scarlet. The arrival of electricity was a revolution in life (and death) as well as chemistry.

Hanged man; Peter Kempster

Danced by Sarah McDuff & Hannah Keogh

Interval

The Armed Man: A Mass for Peace by Karl Jenkins

Please reserve applause until the end of the performance

The Armed Man is a compelling account of the descent into, and the terrible consequences of war.

Commissioned for the Millennium by Britain's Royal Armouries and dedicated to the victims of the Kosovo crisis, this work is a contemporary example of a Mass, based on the 15th century song "L'homme Armé (The Armed Man)". Set within the framework of the Christian Mass 'The Armed Man' is a major choral work which uses both sacred and secular texts.

1. The Armed Man
2. Call to Prayer
3. Kyrie
4. Save me from Bloody Men
5. Sanctus
6. Hymn before Action
7. Charge
8. Angry Flames
9. Torches
10. Agnus Dei
11. Now the Guns have Stopped
12. Benedictus
13. Better is Peace

'Angry Flames and 'Better is Peace' are danced by the AHS Ballet Group.
'Torches' is danced by Lauren Taylor

Samantha Hay

Samantha completed post graduate studies at the RCM in 2001, after graduating from the Birmingham Conservatoire. She is a winner of the Great Elm Competition, Symphony Hall Recital Competition, Cecil Drew Oratorio Competition and the Reginald Vincent Lieder Prize.

Since leaving college Samantha has performed 'Elsie' (Yeoman of the Guard) for British Youth Opera; Lucia (The Rape of Lucrecia) for the 2001 Hungarian premiere and in Latvia and St Petersburg in 2002 for Opera Europe. Also in 2002 she understudied and performed the roles of Elsie and Yum Yum (Mikado with comedian Jasper Carrot) for the D'oyly Carte and took the lead Role of Josephine (H.M. S. Pinafore with Sam Kelly of 'Allo 'Allo Fame). Most recently Samantha took the title role in Princess Ida for the Buxton Festival and 1st Lady (The Magic Flute) for Kentish Opera and performed Rosalinda (Die Fledermaus) with the Opera Babes at the Royal Concert Hall Nottingham. Samantha now performs with the Welsh National Opera.

Lauren Taylor appears by kind permission of 'The Sandra Taylor School of Dance'

Arnold Hill Ballet Group choreographed by Marie Hopkins
Sarah McDuff, Hannah Keogh,

Arnold Hill Dancing Boyz choreographed by Marie Hopkins
Connor Baxter, Tom Salter, Craig Barrow, Sam Holden, Tommy Derrick,

Ernehale Infants choreographed by, Lucinda Cox, Leigh Elkerton & Marie Hopkins
Costumes by Beverley Dickinson and Kay Collinson, sponsored by
John Cheadle Ltd. (Morleys, uniform suppliers)

Alicia Dack, Awais Khan, Danielle Fallon, Ella Borg, Ella Moore, Ellie Wagstaff,
Emily Dickinson, Amy Dickinson, Emily Price, Esme Fowkes, Evie Atherton, Freiya Farrell,
George Kent, Hannah Drewitt, Hayden King, Iqraa Sadiq, Isabella Shykles, Jack Ellis,
Jonty Sekowski, Kavan Crich, Lara Miller, Lucy Taylor, Luke Freestone, Megan O'Donnell,
Megan Wakefield, Melissa Ross, Niamh Scott, Rashida Rajabali, Sacha Khangura,
Sam Fell, Sam Murden

Flying High choreographed by Carrie Bird
Ruby Brooke-Wilkinson, Yasmin Castle, Kathryn Drew, Emily Evans, Sophie Hatton,
Kathryn Jackson, Alexandra Kerrison, Lottie Massey, Ellie Maynes, Kathryn Moore,
Faye Oliver, Olivia Shykles, Evie Shykles, Evie Slade, Emma Payne, Nicole Thurston

Singers

In Accord

Soprano
Sandra Wakefield, Anna Gregory, Denise Mear, Hanna Walker, Theresa Marchewicz,
Leslie Cohen. Pamela Richings, Miriam Bell, Liz Laskowski, Liz Woodroffe

Alto
Alyson Pinske, Susan Cooper, Mags Wigram, Lucy Matthews, Olwyn Bowpitt, Marie-Anne
O'Reilly, Noelle Walker, Jenny Evans, Ros Evans

Tenor
Don Price, Peter Woodroffe, Alan Franks, Daniel Harvey

Bass
David Quick, Tony Bell, Alan Webster, Alan Bell, Andy Bell, Paul Whitehall.

Arnold Hill 6th Form

Soprano
Laura Woodward, Elisabeth Egner, Carly Dykes.

Alto
Emma Woods, Claire Harvey, Amy Southgate, Sarah Simkin.

Bass

Jackie Chan, Geo Graccolicci,

Arnold Hill Yr 8

Ashanti Payne, Emily Harrison, Christen Woods, Lizzy Bolt, Rosie Firth-Burnside, Katie Wragg, Jessica Bryan, Rachel Simpson, Heather Gretton, Eleanor Dickin, Jacqueline Anderson, David Mear, Peter Kempster, Aisha Sadiq, Harriet Cameron.

Carlton Digby

Matthew Artis, Jonathan Artis, Gary Brookes, Martin Brookes, Ian France, Adam Subden. Freya Gibbs, Pamela Loydall (Teacher)

Gedling Comprehensive School

Lisa Lambert, Charlie Lever, Leah Harding, Gemma Soar, Gina Rodford, Olivia Brooks, Melanie Blockley, Sarah Woolley, Sally Nix, Isaac B-Webb, Charlene Sharman.

Coached by their teacher: Daniela Smith.

Arnovale Junior School

Katie Dickinson, Francesca Stevenson, Molly Dilks, Emily Rimer, Nicole Lawrence, Lara Sas, Tori Thornhill, Louisa Rayers, Amarah Yasin, Alice Chilton, Charlotte Reynolds, Hannah Lumb, Emily Smith, Emma Eyley, Georgia Cameron, Bradley Chilton, Thomas Snape, Mark Robinson, Jessamy Mattinson, Megan Riley, Frances Wilde, Shannon Hutchinson, Eleanor Horton, Catherine Wiggins, Jake Glover, Megan Denham-Swift, Laura-Anne Phillips, Sophie Madden, Alix Stokes, Ysabel Owen, Isabel Camidge, Robyn Walker, Grace Matias, Anna Kovulmaz, Jessica Hardy-Turner, Hayley Moss, Holly Blincow, Charlotte Pavier, Ellie Roache, Tasmin Jones, Sabreena Malik, Leah Collishaw, Chloe Green, Grace Lievesley, Eve Parker, Bethany Blanchard, Matt Barker, Alex Postle, Chris Heeley, Jorge Phenix-Coyne, Thomas Waplington, Ryan Toothill, Ashley Corke.

Coached by their teachers: Gary Barwell; Catherine Beall; Hayley Webster; Tracey Robinson.

Arnold View Primary School

Luke Smith, Holly Riley, Jonathan Marshall, Sam Clarke, Tate Swift, Enya Muirlight, Evie Orchard, Alice Orchard, Thomas Reilly, Ellie Clark, Alice Pratten, Joe Pratten, Stephanie Cole, Sam Surgey, Harriet Swan, Esmie Fairhurst, Emily Martin, Summa Wells, Katie Michel, Danielle Haddon, Lauren Haddon, Victoria Evans, Tyler Meadowcroft, Andrew Foster, Luke Clarke, Rory Camm.

Coached by their teacher: Anne Alton.

Arnbrook Primary School

Brandon Smith, Jessica Catchpole, Chloe Parker, Courtney Parker, Shannon Murphy, Emily Bee, Rhian Shelton, Demi Oldham, Joshua Akers, Courtney Bartlett, Courtney Britten, Charlie Coyne, Yiyi Painter, Jessica Shelton, Leanna Achillea, Georgia Harbron, Oliver Rees, Jamal McKenzie, Ronnie Briscoe, Kayleigh Sweet, Toni Sweet, Becky Atherley, Shamia Townsend, Amanda Shaw

Coached by their teachers:

Jenny Tinsdale
Kim Humphries
Lucy Dixon
Pam James

Coppice Farm Primary School

Katie Allsopp, Cecilia Chui, Ella France, Alice Garnham, Oliver Harrison, Maisie Hunt, Ella Mansell, Hollie Plester, Josie Plester, Sam Rodmell, Victoria Smith, Rebecca Stevens, Aimee White.

Coached by their teachers:

Christine Hirst
Deena Elliott

Willow Farm Primary School

Ellie Tipping, Sophie Cusick, Amy Dunn, Danielle Porter, Emily Bowers, Olivia Snelling, Shannan Reedman

Coached by their teacher:

Michelle Robinson

Woodthorpe Infants School

Harry Blanchard, Jack Dabell, William Gayne, Yasmyn Gisby, Manisha Grewal, Ellie Headland, Erin Keogh, Chloe Norman, Jonathan Snape, Cameron Steedman, Jonathan Taft, Zaynah Younis, Azaan Zaki, James Swinscoe, Lucy Brown, Amy Clifford, Edward Corke, Charley Eatch, Nyle Reuben, Natasha Stevenson, Hannah Wrightson

Coached by their teachers:

Alison Ducker
Sharon Mackay

Orchestra

Trumpet: Phil Hardy, Geoff Larner, James Joseph

‘Cello: Ruth Etches, Valerie Blair, Jean Thomas

Flute/piccolo: Miriam Bell

Organ: David Butterworth

Keyboard: Jez Fleet

Percussion: Tony Garton, Carolyn Davis, Nick Millward, Jon Oldershaw

Front of House: Alan Webster

Lighting: Damian Painton

Sound: Rob Kettridge

Orchestra Steward: Phil Hardy

Graphics: Tony Bell

Soundtrack (Science on Stage): Jon Wakefield (Guitar solos: Rob Mckinnon)

We are grateful to Nottingham City Hospital and 'Adtech Polymer Engineering' for their technical assistance

All percussion instruments were kindly loaned to us by 'The Nottingham Symphonic Wind Orchestra and Windblowers.



Science on Stage have produced a series of science-dance musicals:

- Stardance*
- Twister's Run
- Hive*
- Electric Metal
- Little Blue
- Salmonella
- Steel

together with a KS2 science song book, 'Munchin & Crunchin'*

'Twister's Run and 'Steel' have been performed at The Royal Opera House, Covent Garden

*For more details of these please contact Piper Publishing on 01465 821377
For the others please contact David Quick or Jon Wakefield on 0115 955 4804