

# evolve

teaching and learning science through the arts

**The evolve programme brings together a comprehensive package of exciting and inspiring activities for young people, teachers, PGCE students, artists and arts graduates.**

- Promoting creativity in teaching and learning in schools across the sciences to all key stages and abilities
- Raising the educational aspirations of young people
- Delivering exciting and innovative ways of learning in science
- Using the arts to enhance the skills of pupils, teachers and artists
- Using the arts to improve pupils' focus and engagement across the curriculum
- Using the arts to improve attendance and general behaviour
- Using the arts to address issues such as inclusion and diversity
- Providing opportunities for artists and artist groups
- Working in partnership with teachers, schools and Local Authorities
- Creating a legacy of professional development benefits for teachers and educators



**“Evolve helped all pupils and addressed all learning styles and that is why it was so successful”  
(teacher)**

## evolve the programme...

- Training for core artists, developing creative approaches to the science curriculum, using their specialist arts practice in innovative ways.
- INSET day for teachers to explore cross-curricular creative approaches. This day provides an essential springboard for teachers wanting to engage with an **evolve** residency.
- Artist in residence terms within schools, where artists work in collaboration with teachers, delivering aspects of the science curriculum in innovative ways.
- Training day for PGCE students looking at new ways of delivering the curriculum. Students are offered the opportunity to go on to mentored residencies with professional artists in education.
- Nationally available educational resources for teachers involved in the projects, and others interested in creative approaches to learning.
- **Tees Valley Arts** have created a set of accessible teaching manuals, based on work produced and approaches developed in the **evolve** training. This incorporates feedback and evaluation from all project partners. Included is a DVD which provides an overview of the **evolve** programme.
- The **evolve** artist residencies have been captured onto DVDs. These teaching resources are the culmination of thirty six residencies in schools across the Tees Valley. They provide an insight into the journey undertaken by artists, science staff and pupils in exploring their own creativity, building new skills and embedding these in everyday practice.
- The **evolve** programme report; an evaluation of the two year pilot available upon request.
- **[www.evolveprogramme.org.uk](http://www.evolveprogramme.org.uk)** - an interactive website with downloadable toolkits.
- **The Arts & Science Education Network** is a unique opportunity to share experiences with colleagues, be updated on exciting new initiatives, learn about educational projects in development, create wider connections including potential links with Renewables, NEPIC and the enterprise education agenda.



**Some pupils soak up science like sponges soak up water**

**Some don't...**

**Even the most able students can benefit from new ways of learning**

**Even the most able teachers can benefit from new ways of teaching**

**Young people who have danced their way through atomic theory will never forget it**

**You could work with a photographer to discover the properties of light**

**You could work with a sculptor to research mechanics**

**You could work with an animator to explore the movement of the planets**

**You could work with a poet to write your own science texts**

**You could work with a dancer to understand anatomy**

**You could work with a dramatist to create an environment**

**The possibilities are boundless...**





## Tees Valley Arts Inspiring People: Changing Futures

**“Some children find it difficult to engage with science. Evolve allowed them to participate and learn at an accelerated pace, which was fantastic” (teacher)**



**“At half term assessments my pupils got the best marks that they had achieved all year” (teacher)**



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