

The PARRISE Consortium

PARRISE is a multidisciplinary consortium aiming to facilitate networking activities among teachers, teacher educators and educational researchers at 18 institutions, in 11 countries. The consortium members have extensive expertise in inquiry-based science education and in addressing socio-scientific issues in teacher training and student learning contexts.

PARRISE in the UK

To learn more about the PARRISE project and how to get more involved with teaching science using socio-scientific and inquiry based learning you can contact us at:

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Promoting Attainment of
Responsible Research &
Innovation in Science
Education

www.parrise.eu

“ Raising youth awareness to
Responsible Research and
Innovation through Inquiry-
Based Science Education ”



SEVENTH FRAMEWORK PROGRAMME

SiS-2013-2.2.1-1

Grant agreement: 612438



Really Working Scientifically!

Friday 8th January, 14.00-16.00
W111

Your KS3 & KS4 students want to ask questions which really matter to *them* in science lessons!

Our workshop develops skills and confidence in leading and assessing progress in meaningful inquiry science. Try out teacher-designed resources, which help students see their findings make a difference.

Association for Science Education (ASE)
Annual Conference
University of Birmingham
6-9th January 2016

The socio-scientific inquiry-based learning (SSIBL) framework



About PARRISE

Combining science with society at school. That is the aim of the PARRISE project. In that way, young people feel more engaged in science, experiencing its societal impact. By becoming more scientifically literate, young citizens are better equipped to participate in the process of science innovation.

PARRISE shares and improves best practices of professional development of science teachers for primary and secondary teachers across Europe. These best practices integrate two pedagogical approaches: inquiry-based science education (IBSE) and learning based on socio-scientific issues. This integrated approach is called *Socio-Scientific Inquiry-Based Learning* (SSIBL). The SSIBL approach introduces the challenges of Responsible Research and Innovation in education.

The overarching aim of the PARRISE project is to collect and share existing best practices across Europe. In addition, the project develops learning tools, materials and professional development courses for science teachers based on the SSIBL approach. PARRISE will build on recently developed IBSE insights and foster implementation of IBSE in educational practice.

This workshop for KS3 and KS4 science teachers looks at authentic inquiry learning in the Working Scientifically strand of the NC. During this workshop you will have the opportunity to:

- Consider how you can foster open, enquiry-based science thinking and doing when *Working Scientifically* with your pupils
- develop skills in encouraging your pupils to ask authentic questions, identifying researchable questions and planning strategies for pursuing inquiries which matter to *them*
- use scenarios and resources on climate change and drugs testing to show how socio-scientific issues, citizenship and responsible research approaches can be taught through inquiry learning in science lessons.

We will be providing you with resources to try out in your classes!