

WASO – “Write a Science Opera”

This year we will use the cross-disciplinary approach Write a Science Opera (WASO) as the leading guiding methodology.

Write a Science Opera (WASO) is a creative professional development approach to inquiry-based **music and science education** in which pupils of different ages, supported by teachers, (opera) artists and scientists, are the creators of an **educational performance**.

WASO is an application of the widespread Write an Opera method, which has been successfully implemented in many countries during the past three decades. WASO integrates science education and other subjects into the original method by involving scientists who lead an inquiry-based creative process demonstrating common impulses shared by science and the arts. The WASO concept was developed by Associate Professor Oded Ben-Horin and Professor Magne Espeland at Stord/Haugesund University College (Norway).

Learning activities:

Phase 1: Question Eliciting Activities/Exhibiting Curiosity

Phase 2: Active Investigation

Phase 3: Creation

Phase 4: Discussion

Phase 5: Reflection

Presentation

The maximum recommended group size for each WASO project is 25-30 divided into 6-7 groups of various functions, as described in the WASO guidelines. Teacher's tip: additional students in other musical, visual arts, dance classes may take part in the final performance event by providing a warm-up act to the opera, for example. This engages the WASO class in a dialogue with a wider circle of students in the school. Duration max. 15 min. per group.

Example of a WASO-project: <https://casecenter.no/innovation-based-student-enterprise-to-enhance-innovation-in-teacher-education/>