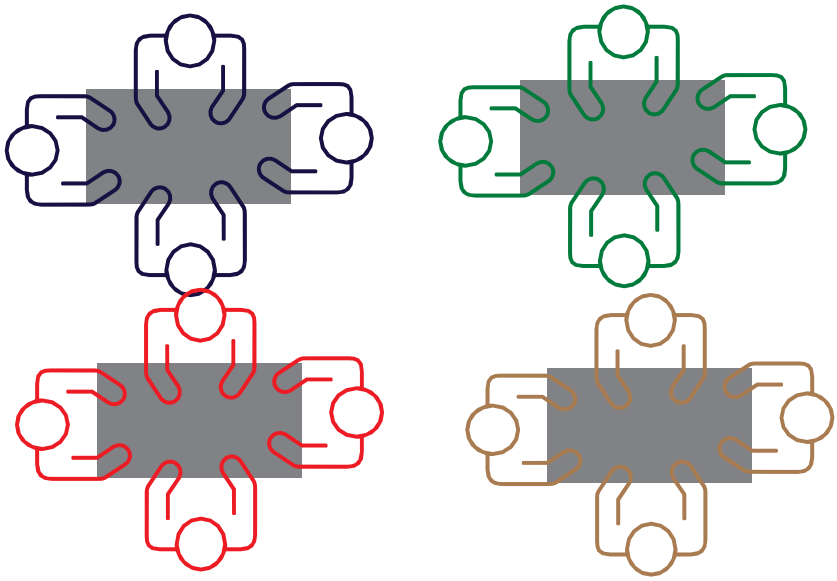
EXPERTS TEACH

Target

Students conduct in-depth research on a topic. - Promote independent work among students. - Make students responsible for their own learning.

Work method



Step 1: Students are divided into groups. The theme is presented, sub-themes are identified, choices are made, etc.

Step 2: Each group decides which sub-theme they will explore, which question they will try to answer. Create a planning, divide roles and tasks as necessary.

Step 3: The research. Students collect, analyse and process information, they evaluate both the results and the group process and reach conclusions.

Step 4: Students prepare a form of report. Class presentations `lesson reports' delivered to teacher, ...

Step 5: Evaluation (both product and process).

Examples:
Biography of a scholar
Newton's laws
Operate optical devices (periscope, telescope, microscope, fresnel lens, spear reflex camera, etc.) Analyse in detail the energy transformations in a range of processes (hydroelectric power plant, tidal power plant, nuclear power plant, bicycle lighting, cooker, etc.)
Nuclear physics processes