

NUMERACY
Percentages, decimal numbers, measuring, money, content

Before
The teacher explains the material concerned, with extra instruction where necessary. The pupils do the accompanying exercises from the workbook. The groceries task detailed as a whole task below is an elaboration of a project task which is sometimes skipped, or only done by pupils who finish early.
After reversal and omission
<i>Whole task first</i> The teacher introduces a shopping bag with groceries, wallet and shopping list. The assignment for 11-years old pupils is to do the grocery-shopping for dinner for 30 pupils for one night of school camp. After composing the menu, the teacher explains the assignment. <i>Adaptive support</i> One group (***) immediately starts comparing advertising brochures from supermarkets. When they are done, they are referred to relevant assignments in the workbook. The two other groups are instructed about the subject material first. Then one group (**) starts calculating how much food is actually needed for such a large group, and they calculate the costs for a number of products. Pupils from the other group (*) are first going to do the exercises in the workbook about the subject material. The teacher adds more instruction when needed. Then they will calculate how much is needed of a product from the menu, and what the total costs will be. The teacher goes around the three groups to monitor progress and give feedback, having a more steering role in groups ** and ***. Then the contributions of the groups are discussed centrally to arrive at a definitive shopping list including amounts and prices.