

Lesson Plan for Math Using Recipes

Teacher: Mikael Strålberg
Post-secondary and English as a second language
Math 101
50 min class



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| <p>Warm-up (about 10 minutes)</p> | <p>Split the class in pairs and have them describe their favourite dish to the other partner with only naming the ingredients. The other part is then supposed to guess what the dish is called either in their own language or in English if they can. Then just take turns until time is up. Have the students discuss trying to change the recipes and whether they had success.</p> |
| <p>Overview</p> | <p>In this lesson students will be taught how to multiply fractions by comparing this to doubling and halving recipes while cooking. Teacher will use Spaaze.com for keeping a collection of practice problems and helpful videos.</p> |

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| Preparation | Teacher needs to place extra hand outs and homework on a Spaaze.com and give the link to students* |
| Objectives | Teacher will require students to: Correctly answer questions 1-20 in textbook. Be able to correctly convert a cake recipe with a given factor. |
| Materials | <ul style="list-style-type: none"> •Computer with Internet access •Spaaze account (spaaze.com) •allrecipes.com recipe converter |
| Procedure: | <p>Warm-up: Have students discuss cooking endeavours with changing recipes.(10 mins)</p> <p>Give short lesson on multiplying fractions, pull up spaaze account to open homework problems and recipe links. (30 mins)</p> <p>Work on homework (10 mins)</p> |
| Assessment: | To receive a passing grade, students must answer 15 of the 20 questions on the homework correctly. |

*This lesson plan assumes a feature of sharing a teacher's spaaze account that is not currently available on Spaaze.com. This feature will be hopefully added soon.