**Title:** The effects of an interactive computer-assisted instruction on the achievement and attitudes of students to learn the concepts of fraction: *The case of grade four students at Ewket Fana Elementary school*

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This project is planned to investigate the effects of an interactive computer-assisted instruction on the achievement and attitudes of students to learn the concepts of fraction. It particularly considers the case of grade four students at Ewket Fana Elementary school, Bahir Dar, Ethiopia. The purposes of the project is finding the differences in the achievement of fourth graders in the concept of fraction, between those learning through conventional methods and those learning through interactive computer-assisted instruction; finding the differences in the attitude of fourth grade students in learning the concept of fraction, between those learning through conventional methods and those learning through interactive computer-assisted instruction and identifying the strengths and weaknesses of the conventional and multimedia methodologies.