

# LEVEL OF REPRESENTATION MATHEMATICAL COMMUNICATION SKILLS IN MATHEMATICS TEXTBOOK FOR THE BASIC SIX GRADE IN SYRIAN ARABIC REPUBLIC (ANALYTICAL STUDY)

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**ABSTRACT\_** *The study aimed to determine the Level of representation of Mathematical communication skills in the content of the Mathematics textbook that is scheduled for the sixth grade students and Level of representation of each skill indicator in the content. The study population and sample was the content of the Mathematics Textbook for the Basic sixth grade. And the study used Content Analysis tool, included four communication skills and (53) indicators which had been verified its validity and reliability. Results of The study indicated that the content of the Mathematics textbook for the sixth grade basic took good care Mathematical communication skills, in a relative weight %(94.79) from all Paragraphs, but it gave some skills a high representation, speaking skill at first with a relative (55.51%), Followed by skills (Writing, Representation, Reading, Listening) at low rates, respectively (13.64%, 11.67%, 11.45%, 2.33%), and the results showed omission some indicators of communication skills, which didn't get any chance for training. Finally, the study recommended with Expanding the number of activities in content that encourage students to mathematical communication skills, especially listening, representation, and writing. And formation of accurate specifications table, bases on recognize of relative weight to Mathematical communication, accounting the depth of mathematical communication skills in each of the classes of the first cycle of basic education.*

**KEYWORDS:** *Mathematical communication skills, Mathematics textbook, the basic six grade, Content analysis.*