

Qatar Math Day – 2nd December 2018

Dr. Loai Jebril

Title	Developed Math Curriculum for the State of Qatar 2018
Abstract	<p>Qatar national curriculum framework.</p> <ul style="list-style-type: none"> ▪ The key components ▪ The key values, aims and principles underpinning the curriculum ▪ The key competencies for students <p>Developed Math standards for the State of Qatar 2018</p> <ul style="list-style-type: none"> ▪ Aims of mathematics curriculum ▪ Learning Experiences ▪ multi-faceted pedagogical methods ▪ Standards for Reasoning and Problem solving ▪ Learning Standards & New Topics <p>Developed Math curriculum and learning resources</p> <ul style="list-style-type: none"> ▪ Philosophy of math text books ▪ Problem based learning ▪ Lesson structure key steps
Bibliography	<p>Mr. Loai Jebril is a mathematics specialist in the Ministry of Education and Higher Education in the State of Qatar. He holds a degree in mathematics and master's degree in computer information systems. He is a member of "Math Standards reviewing team", and a member of "Math Text Books developing team". Previously, Mr Jebril worked as a math teacher and a math department coordinator for 20 years. During these years he taught mathematics for high school students and International Baccalaureate students. Also, he worked as a teacher trainer on Math Standards for the State of Qatar. During his teaching career he supervised three researchers who won the prize of Qatar National Research Fund (QNRF). He also was recognized as STEM teacher of the year by Texas A&M university in 2015.</p>