

Alignment of Money Savvy Kids Curriculum to NCTM Standards

Money Savvy Kids Basic Personal Finance Curriculum

Numbers & Operations

	Level A	Level B	Level C	Level D	Level E
Understand numbers, ways of representing numbers, relationships among numbers and number systems	X	X	X	X	X
Understand meanings of operations and how they relate to one another	X	X	X	X	X
Compute fluently and make reasonable estimates	X	X	X	X	X

Algebra

Understand patterns, relations, and functions	X		X	X	X
Represent and analyze mathematical situations and structures using algebraic symbols	X	X	X	X	X
Use mathematical models to represent and understand quantitative relationships	X	X	X	X	X
Analyze change in various contexts		X	X	X	X

Measurement

Understand measurable attributes of objects and the units, systems, and processes of measurement	X	X	X		
Apply appropriate techniques, tools, and formulas to determine measurements	X	X	X		

Data Analysis & Probability

Formulate questions that can be addressed w/data and collect, organize, and display relevant data to answer them	X	X	X	X	X
Select and use appropriate statistical methods to analyze data	X	X	X	X	X
Develop and evaluate inferences and predictions that are based on data	X	X	X	X	X
Understand and apply basic concepts of probability			X	X	X

Problem Solving

Build new mathematical knowledge through problem solving	X	X	X	X	X
Solve problems that arise in mathematics and in other contexts	X	X	X	X	X
Apply and adapt a variety of appropriate strategies to solve problems	X	X	X	X	X
Monitor and reflect on the process of mathematical problem solving	X	X	X	X	X

Reasoning & Proof

Recognize reasoning and proof as fundamental aspects of mathematics				X	X
Make and investigate mathematical conjectures				X	X
Develop and evaluate mathematical arguments and proofs				X	X
Select and use various types of reasoning and methods of proof				X	X

Communication

Organize and consolidate their mathematical thinking through communication	X	X	X	X	X
Communicate their mathematical thinking coherently and clearly to peers, teachers, and others	X	X	X	X	X
Analyze and evaluate the mathematical thinking and strategies of others	X	X	X	X	X
Use the language of mathematics to express mathematical ideas precisely	X	X	X	X	X

Connections

Recognize and use connections among mathematical ideas	X	X	X	X	X
Understand how mathematical ideas interconnect and build on one another to produce a coherent whole	X	X	X	X	X
Recognize and apply mathematics in contexts outside of mathematics	X	X	X	X	X

Representation

Create and use representations to organize, record, and communicate mathematical ideas	X	X	X	X	X
Select, apply, and translate among mathematical representations to solve problems	X	X	X	X	X
Use representations to model and interpret physical, social, and mathematical phenomena	X	X	X	X	X

Geometry

	NA	NA	NA	NA	NA
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