

Quantitative Literacy Year at a Glance

***Modeling and Numerical Reasoning will be taught throughout the four big units.**

Personal Finance 	Statistics and Probability	Numerical Reasoning	Business Finance
• Income (QR.PF.1, QR.PF.2, QR.NR.1, QR.NR.2, QR.NR.3, QR.MD.1, QR.MD.4) ○ Next Gen Resource ○ Types of income ○ Bi-weekly, monthly ○ Taxes/Deductions • Budgeting (QR.PF.3, QR.PF.4, QR.NR.6, QR.NR.7, QR.PF.5, QR.PF.6, QR.SP.6) ○ Next Gen Resource ○ Checking ■ Balance account ■ Write a check ■ Bank fees ○ Saving ■ 3-month emergency fund ■ investments ■ Unexpected expenses ○ Fixed Expenses ■ Taxes • Federal • State • property ■ Insurance(auto.	• Statistics (QR.SP.1, QR.SP.2, QR.SP.3, QR.SP.4, QR.SP.5, QR.MD.1, QR.MD.2, QR.MD.3, QR.MD.4) ○ Collecting Data ■ Qualitative ■ Quantitative ■ Method of Collection ○ Organizing Data ■ Charts ■ Tables ■ Graphs ○ Interpreting/Analyze Data ■ Measures of center • Mean • Median • Mode • Standard deviation • MAD	• Qunatative Analysis (NR.2.QL.1, NR.2.QL.2, NR.2.QL.4, NR.QL.5, NR.2.QL.6) ○ Conversions ○ Percent change ○ Dimensional Analysis ○ Exponential and Logarithmic Functions	• Business (QR.BF.1, QR.BF.2, QR.BF.3) ○ Business Plan Unit ○ Entrepreneur Unit ○ Consumer Price Index • Economics (QR.BF.4, QR.BF.5, QR.BF.6) ○ Economic Resource ○ Stocks Lesson and Activity

health, home) • Insurance project ■ Housing (mortgage/rent) • House Project ■ Loans • Auto • Personal • Mortgage ■ Cost of Living ○ Variable Expenses ■ Utilities ■ Transportation ■ Food ■ Miscellaneous ■ Savvy shopper project • Credit/Debt (QR.PF.7) ○ Types of credit cards ○ Methods to payback balance ○ Interest rates/fees ○ Rewards ○ bankruptcy	■ Statistics Project ○ Bivariate Data (QR.MD.5, QR.MD.6) • Probabilities (QR.SP.6, QR.SP.7, QR.SP.8, QR.NR.1, QR.NR.3, QR.NR.6) ○ Experimental ■ Card games ■ Dice and cards ■ Stop or Dare ○ Theoretical ■ Addition Rule of Probability ■ Multiplication rule of probability ■ Fundamental counting principle ■ Examples and Notes ■ Permutations and combinations ■ Website resource ○ Visual representations		
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