

## ***Description of Math Materials for Electronic License***

***(puzzles, math & music, math & paper folding, math & art).***

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**Arithmetic-Based Coding Puzzles - ArithmeCode** series at 4 levels of difficulty - 700 puzzles in total

**ArithmeCode Go Figure** is a collection of 100 puzzles in pdf form which can be printed out, 6 per page.

<https://drive.google.com/file/d/0B-dzTPC7Y8h5RHM0MktWQkRBX28/view?usp=sharing> (sample pages)

<https://www.youtube.com/watch?v=HiZRbC16oR8> (sample solution)

**ArithmeCode Junior** is a collection of 100 puzzles in pdf form which can be printed out, 6 per page.

<https://drive.google.com/file/d/0B-dzTPC7Y8h5QTZXNndpQmhTQ1E/view?usp=sharing> (sample pages)

<https://www.youtube.com/watch?v=5oL4O1TKtqo> (sample solution)

**ArithmeCode Standard** is a collection of 400 puzzles in pdf form which can be printed out, 6 per page.

<https://drive.google.com/file/d/0B-dzTPC7Y8h5Y1NSM3h0VWJ4dms/view?usp=sharing> (sample pages)

[https://www.youtube.com/watch?v=PHM\\_3ioSD\\_s](https://www.youtube.com/watch?v=PHM_3ioSD_s) (sample solution)

**ArithmeCode Integer-Logic** is a collection of 100 puzzles in pdf form which can be printed out, 5 per page.

<https://drive.google.com/file/d/0B-dzTPC7Y8h5aEIWU1dMUE5PSUU/view?usp=sharing> (sample pages)

<https://www.youtube.com/watch?v=A93IRpMPHRc> (sample solution)

**Go Forth & Multiply** is a CD of multiplication songs for students learning their times tables. You get a video version **as well as** the individual mp3 tracks and lyrics. Total number of tracks is 13.

<https://www.youtube.com/watch?v=xptARMyF5XM> (sample track)

***Math, Music & Mayhem*** is a CD of songs, stories, activities and the like for students in grades 5 - 12.

You get a video version ***as well as*** the individual mp3 tracks and lyrics.

Total number of tracks is 26

<https://www.youtube.com/watch?v=lWDha0wqbcI> (sample track)

***Math, Music & Mayhem - the Sequel*** is a CD of songs, stories, activities and the like for students in grades 7 - 12.

You get a video version ***as well as*** the individual mp3 tracks and lyrics.

Total number of tracks is 22.

<https://www.youtube.com/watch?v=MqIByow9c4U> (sample track)

***Can You Fold Under Pressure? - paper folding & math - PART I.*** This is a video of 10 amazing geometry-based paper folding constructions. The mathematics-related definitions and applications (perimeter/area/volume/patterns) are explained.

<https://www.youtube.com/watch?v=qKTC41T5fPk> (sample track)

***Can You Fold Under Pressure? - paper folding & math - PART II.***

Ten ***more*** equally amazing geometry-based paper folding constructions in video form. The mathematics-related definitions and applications are explained.

<https://www.youtube.com/watch?v=cEwnNO4fWDI> (sample track)

***What Would Picasso Say? - ruler & compass math/art*** - This is a video of 7 geometry-based graphic designs involving parallel lines, concentric circles, Fibonacci numbers, spirals and more.

<https://www.youtube.com/watch?v=Q2K8QaOSZt8> (sample track)