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| **Sites for Rich Mathematical Tasks** | | |
| **Website** | **Description** | **Grade-Level** |
| [YouCubed Tasks](http://www.youcubed.org/tasks) | Tasks are sorted by grade level, concept, and mathematical practice (Common Core State Standards - Mathematics). Many are open-ended and/or “low floor/high ceiling”, allowing for differentiation. | K-12 |
| [YouCubed Mathematical Mindset Algebra](https://www.youcubed.org/algebra/) | 4-week unit/series of tasks to introduce algebraic concepts at any level. | K-12 |
| [Dan Meyer’s 3-Act Math](http://www.watsonmath.com/2012/04/24/spreadsheet-of-dan-meyers-tasks-in-three-acts/) | Tasks in 3 parts -- a video to generate questions, a lesson to give information to answer the question, then a video or image to illustrate the solution or answer to the question. Tasks are indexed by Common Core State Standards - Mathematics and/or Mathematical Practice. | K-12 |
| [Inside Mathematics](http://www.insidemathematics.org) | Click on “Performance Assessment” for tasks sorted by grade level. Aligned to the Common Core State Standards - Mathematics. | 2-12 |
| [Illustrative Mathematics](http://www.illustrativemathematics.org/) | Choose content standards (aligned to Common Core State Standards - Mathematics) to filter down to task level. | K-12 |
| [Robert Kaplinsky](http://robertkaplinsky.com/lessons/) | Lessons/tasks based on images and real-world contexts. Includes lesson planning notes, questioning, and misconceptions. Tasks are tagged with Common Core State Standards. | K-12 |
| [Graham Fletcher](https://gfletchy.com/) | 3-Act tasks, math progression videos, and more. Focus is on elementary level, but there are some tasks that can be used or adapted for higher grades. Aligned with Common Core State Standards. | K-5 |
| [Mike Wiernicki](https://mikewiernicki.com/3-act-tasks/) | 3-Act Tasks for elementary and middle school. Organized by Common Core State Standards - Mathematics. | 2-8 |
| [Kyle Pearce](http://tapintoteenminds.com/3acts-by-author/kylepearce/) | More 3-Act Tasks for all grade levels. Organized by Common Core State Standards – Mathematics. | K-12 |
| [Jon Orr](https://mrorr-isageek.com/real-world-problems-lessons/) | More 3-Act Tasks for secondary, organized by topics. | 6-12 |
| [Catherine Castillo](https://mscastillosmath.com/3-act-tasks-by-me/) | More 3-Act Tasks for elementary aligned with Common Core State Standards – Mathematics. | K-5 |
| [Learning from Children](https://learningfromchildren.org/3-act-tasks/) | More 3-Act Tasks for early elementary sorted by topics. | K-2 |
| [Kristen Acosta](http://linkis.com/themindofanaprilfool.com/fl57H) | More 3-Act Tasks for elementary organized by Common Core State Standards – Mathematics. | K-5 |
| [New York City Tasks](https://www.weteachnyc.org/) | Tasks and other activities sorted by grade level (Common Core State Standards - Mathematics). Some files are password protected but many are free. | K-12 |
| [Mathematics Assessment Project](http://map.mathshell.org/) | Includes summative assessment tasks to illustrate the range of performance goals required by Common Core State Standards - Mathematics. The tasks come with scoring rubrics and examples of scored student work. | K-12 |
| [Balanced Assessment](http://hgse.balancedassessment.org/) | Mathematics assessment tasks developed during the Balance Assessment Project remain freely available through this web site. Teachers may use these materials in their own classrooms at no cost. | K-12 |
| [Open Middle](http://www.openmiddle.com/) | Equations and problem settings with missing numbers, sorted by grade level and strand/topic (Common Core State Standards – Mathematics). | K-12 |
| [Estimation 180](http://www.estimation180.com/lessons.html) | Progression tasks focused on developing estimation skills. Sorted by Common Core State Standards – Mathematics. | 4-8 |
| [NCTM/Math Forum Problems of the Week](https://www.nctm.org/pows/?cp=1&tx=2067) | Available to National Council of Teachers of Mathematics (NCTM) members only. Bank of problems of the week, filtered by topic and grade bands. | K-12 |
| [Desmos](http://teacher.desmos.com) | Desmos Activity Builder uses the Desmos graphing calculator as a framework for a wide range of explorations and practice activities. | K-12 |
| [NRICH Enriching Mathematics](https://nrich.maths.org/8517) | Secondary tasks sorted by topic and age bands. | 6-12 |
| [Performance Assessment Research Bank](https://www.performanceassessmentresourcebank.org/) | Bank of performance tasks with detailed teacher notes, student instructions, and handouts. Alignment is to Common Core State Standards - Mathematics. | K-12 |
| [Dan Meyer’s Directory of Mathematical Headaches](https://docs.google.com/document/d/1JZmjIiqJikVD69y5ZY8w0V8MI47lBdH1DrhLiBeKQh8/edit) | Ideas that attempt to answer the questions “Why did mathematicians think this skill was worth even a little bit of our time? If the ability to factor that trinomial is aspirin for a mathematician, then how do we create the headache?” | 6-12 |
| [Radford Secondary Mathematics Professional Development Center](https://www.radford.edu/rumath-smpdc/Performance/PerfOverview.html) | Tasks and performance assessments developed by teachers and aligned to Virginia Standards of Learning (SOL) in Grade 6 through Math Analysis. | 6-12 |
| [University of Waterloo Problem of the Week](https://www.cemc.uwaterloo.ca/resources/potw.php) | A new problem every week plus access to two years of archived problems. Tasks are aligned to Canada mathematics standards so be sure to check out the grade band below and above. | 3-12 |