

# The Teaching Astrophysicist Catalogue of Available Resources:

This list is current as of 3rd March 2025 and will be updated periodically.

(A note that this catalogue is **undergoing upgrades** as the selection of resources to **include Google, Microsoft & PDF formats in all resources** where appropriate, so please know this will both **improve and change** in the coming months).

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# **Middle & High School Science and Mathematics**

## **Science Articles & Research Project Templates - A list of those available on Teachers pay Teachers & TES**

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  - [Stalactites and Stalagmites Article + Webquest](#)
- [Dinosaur Fossils | Science Article MS-LS4-1 MS-ESS1-4 MS-ESS2-3](#)
  - [Dinosaur Fossils Research Project Template \(Webquest\)](#)
  - [Dinosaur Fossils Article + Webquest](#)
- [Hydrogeology | Science Article MS-ESS2-4/ESS3-3/HS-ESS3-1](#)
  - [Hydrogeology Research Project Template \(Webquest\)](#)
  - [Hydrogeology Article + Webquest](#)
- [Earth's Core | Earth Science Article | Literacy | HS-ESS2-3](#)
  - [Earth's Core Research Project Template \(Webquest\)](#)
  - [Earth's Core Article + Webquest](#)
- [Soil Formation | Science Article | MS-ESS2-1 | MS-ESS3-1](#)
  - [Soil Formation Research Project Template \(Webquest\)](#)
  - [Soil Formation Article + Webquest](#)
- [Earth's Magnetic Field | Science Article HS-ESS2-3](#)
  - [Earth's Magnetic Field Research Project Template \(Webquest\)](#)
  - [Earth's Magnetic Field Article + Webquest](#)
- [Ocean Garbage Patches | Science Article MS-ESS3-3 HS-ESS3-2](#)
  - [Ocean Garbage Patches Research Project Template \(Webquest\)](#)
  - [Ocean Garbage Patches Article + Webquest](#)
- [Marshes, Bogs & Wetlands | Earth Science Article MS-ESS3-3](#) [FREE]

- [Mangroves | Earth Science Article | Literacy | HS-ESS3-1](#)
- [Fossil fuels origins and use | Science Article | MS-ESS3-1/5](#)
- [Deforestation | Science Article | MS-ESS3-4/5 | HS-ESS3-4](#)
- [Crop Rotation | Science Article | MS-LS2-5 | HS-ESS3-2](#)
- [Underwater Geography Science Article MS-ESS2-3 | HS-ESS1-5](#)
- [Climate Change | Earth Science Article | HS-ESS2-2 HS-ESS2-4](#)
- [Ocean & Atmosphere Carbon | Science Article HS-ESS2-6/LS2-5](#)
- [Orogeny Plate Collisions Science Article MS-ESS2-2 HS-ESS2-2](#)
- [Precious Metal Consumption | Science Article | MS-ESS3-4](#)

**Bundles exist for these items also with significant discounts:**

- [Earth Science Articles #41-50 | 10 Article set](#)
- [Earth Science Set | 10 Science Articles #111-120](#)
- [Complete 20 Earth Science Articles Set](#)
- [Complete 30 Earth Science Article bundle](#)
- [Rock & Earth Bundle | 10 Science Articles](#)
- [Rock & Earth Bundle | 13 Science Articles - UPDATED](#)
- Weather & Environment Bundle - 7 Article Set - [Google](#) - [Offline](#)
- [Weather & Environment Bundle | 10 Science Articles - UPDATED](#)
- Global Processes Bundle - 13 Article Set - [Google](#) - [Offline](#)
- [Global Processes Bundle | 19 Science Articles - UPDATED](#)
- [Ecosystems Bundle | 6 Earth Science Articles](#)
- [Agriculture Bundle | 3 Earth Science Articles](#)
- [Water Related Bundle | 10 Earth Science Articles](#)
- [Economic Earth Science Bundle | 7 Science Articles](#)
- Earth Science Research Project Templates #41-50 Bundle - [Google](#) - [Offline](#)
- Earth Science Research Project Templates + Articles #41-50 - [Google](#) - [Offline](#)
- [Earth Science Research Project Templates #111-120 Bundle](#)

**Medicine / Health**

- [Pacemakers Science Article #51](#) & Research Project Templates [FREE]
  - Research Project Template - [Google](#) - [Offline](#)[FREE]
  - Bundle of BOTH! - [Google](#) - [Offline](#)[FREE]
- [Insulin & Diabetes Science Article #52](#) & Research Project Templates
  - Research Project Template - [Google](#) - [Offline](#)
  - Bundle of BOTH! - [Google](#) - [Offline](#)
- [Scurvy & Pirates Science Article #53](#) & Research Project Templates
  - Research Project Template - [Google](#) - [Offline](#)
  - Bundle of BOTH! - [Google](#) - [Offline](#)
- [Aspirin Science Article #54](#) & Research Project Templates
  - Research Project Template - [Google](#) - [Offline](#)
  - Bundle of BOTH! - [Google](#) - [Offline](#)
- [Vaping Science Article #55](#) & Research Project Templates
  - Research Project Template - [Google](#) - [Offline](#)
  - Bundle of BOTH! - [Google](#) - [Offline](#)
- [Mouth & Teeth Science Article #56](#) & Research Project Templates
  - Research Project Template - [Google](#) - [Offline](#)

- Bundle of BOTH! - [Google](#) - [Offline](#)
- IV Fluids Article #57 & Research Project Templates
  - Article links - [Google](#) - [Offline](#)
  - Research Project Template - [Google](#) - [Offline](#)
  - Bundle of BOTH! - [Google](#) - [Offline](#)
- Asthma Article #58 & Research Project Templates
  - Article links - [Google](#) - [Offline](#)
  - Research Project Template - [Google](#) - [Offline](#)
  - Bundle of BOTH! - [Google](#) - [Offline](#)
- Allergies Article #59 & Research Project Templates
  - Article links - [Google](#) - [Offline](#)
  - Research Project Template - [Google](#) - [Offline](#)
  - Bundle of BOTH! - [Google](#) - [Offline](#)
- Organ Transplants #60 & Research Project Templates
  - Article links - [Google](#) - [Offline](#)
  - Research Project Template - [Google](#) - [Offline](#)
  - Bundle of BOTH! - [Google](#) - [Offline](#)
- Resuscitation Article #121 - [Google](#) - [Offline](#)[FREE]
- General Anaesthesia Article #122 - [Google](#) - [Offline](#)
- Vaccinations Article #123 - [Google](#) - [Offline](#)
- Blood Types Article #124 - [Google](#) - [Offline](#)
- Sugar Article Article #125 - [Google](#) - [Offline](#)
- Blood Pressure Article #126 - [Google](#) - [Offline](#)
- Alcohol Article #127 - [Google](#) - [Offline](#)
- The Immune System Article #128 - [Google](#) - [Offline](#)
- Blood Article #129 - [Google](#) - [Offline](#)
- Hydration Article #130 - [Google](#) - [Offline](#)
- [Bones | Health Science Article #186](#)
- [Muscles Health Science Article #187](#)
- [Tendons & Ligaments Science Article #188](#)
- [Hair Science Article #189](#)
- [Cancer Science Article #190](#)
- [Sleep Science Article #191](#)
- [Nutrition Science Article #192](#)
- [Concussion Science Article #193](#)
- [Alzheimer's Disease Science Article #194](#)
- [Antibiotics Science Article #195](#)

**Bundles exist for these items also with significant discounts:**

- Medicine / Health Articles #51-60 | 10 Article set - [Google](#) - [Offline](#)
- Medicine / Health Articles #121-130 | 10 Article set - [Google](#) - [Offline](#)
- [Medicine / Health Article #186-195 | 10 Article set](#)
- Complete 20 Article Bundle #51-60 and #121-130 Bundle - [Google](#) - [Offline](#)
- Disease Related Bundle - 6 Article Set - [Google](#) - [Offline](#)
- Medical / Surgical Bundle - 7 Article Set - [Google](#) - [Offline](#)
- Personal Health Bundle - 8 Article Set - [Google](#) - [Offline](#)
- Blood & Sugar Bundle - 5 Article Set - [Google](#) - [Offline](#)
- Health / Medicine Research Project Templates #51-60 Bundle - [Google](#) - [Offline](#)

- Health / Medicine Research Project Templates + Articles #51-60 - [Google](#) - [Offline](#)

## **Holidays / Seasonal**

- [Science of Giftwrapping Article #61](#) & Research Project Templates [FREE]
  - Research Project Template - [Google](#) - [Offline](#)[FREE]
  - Bundle of BOTH! - [Google](#) - [Offline](#)[FREE]
- [Snowflake Science Article #62](#) & Research Project Templates
  - Research Project Template - [Google](#) - [Offline](#)
  - Bundle of BOTH! - [Google](#) - [Offline](#)
- [Cookie Chemistry Article #63](#) & Research Project Templates
  - Research Project Template - [Google](#) - [Offline](#)
  - Bundle of BOTH! - [Google](#) - [Offline](#)
- [Christmas Tree Science Article #64](#) & Research Project Templates
  - Research Project Template - [Google](#) - [Offline](#)
  - Bundle of BOTH! - [Google](#) - [Offline](#)
- [Baubles Science Article #65](#) & Research Project Templates
  - Research Project Template - [Google](#) - [Offline](#)
  - Bundle of BOTH! - [Google](#) - [Offline](#)
- [The Science of Love Article #86](#) & [The Science of Love Research Project Template](#)
  - [The Science of Love Bundle of both](#)
- [Chocolate Science Article #87](#) & [Chocolate Science Research Project Template](#)
  - [Chocolate Science Bundle of both here](#)
- [Spring Science Article #88](#) & [Spring Science Research Project Template](#)
  - [Spring Science Bundle of both here](#)
- [Autumn Science Article #89](#) & [Autumn Science Research Project Template](#)
  - [Autumn Science Bundle of both here](#)
- [Candy Science Article #90](#) & [Candy Science Research Project Template](#)
  - [Candy Science Bundle of both here](#)
- [Candy Cane Chemistry | Christmas Science Article #181](#) & [Candy Cane Chemistry Research Project Template](#)
  - [Candy Cane Chemistry Bundle of Both](#)
- [The Psychology of Giving | Christmas Science Article #182](#) & [The Psychology of Giving Research Project Template](#)
  - [The Psychology of Giving Bundle of Both](#)
- [Artificial Snow Science | Christmas Science Article #183](#) & [Artificial Snow Science Research Project Template](#)
  - [Artificial Snow Science Bundle of Both](#)
- [Mistletoe Science | Christmas Science Article #184](#) & [Mistletoe Science Research Project Template](#)
  - [Mistletoe Science Bundle of Both](#)
- [Reindeer Adaptations Christmas Science Article #185](#)

## **Bundles exist for these items also with significant discounts:**

- [Christmas Science 5 Article set #61-65](#)
- [Christmas Science 5 Article set #181-185](#)
- [Christmas Science 10 Article Set | Science Literacy | Xmas](#)
- Christmas Science | Science Research Project Templates #61 - 65 Bundle - [Google](#) - [Offline](#)
- Christmas Science | Research Project Templates + Articles #61-65 Bundle - [Google](#) - [Offline](#)

## **Unbelievable bundles exist for these items also with significant discounts:**

- Classic Science 60 Article Bundle | Middle/High School - [Google](#) - [Offline](#)
- The Unusual Sciences 60 Article Bundle | Middle/High School - [Google](#) - [Offline](#)
- Ultimate 130 Science Article Bundle | Middle/High School - [Google](#) - [Offline](#)

## **Science stories series**

- [Discovering X-rays | Science Story #1 | \(850L-1050L-1200L\)](#) [FREE]
- [Discovering Antibiotics | Science Story #2 | \(850L-1050L-1200L\)](#)
- [The Making of a Microwave | Science Story #3 | \(850L-1050L-1200L\)](#)
- [Discovering DNA | Science Story #4 | \(850L-1050L-1200L\)](#)
- [Preventing Polio | Science Story #5 | \(850L-1050L-1200L\)](#)
- [Producing Pasteurization | Science Story #6 | \(850L-1050L-1200L\)](#)

## **Science Reading Anchor Charts**

- [Science Reading Anchor Charts | Graphic Organizers, Posters, Notebook Pages](#)

## **What the heck science**

- [What the heck science - momentum case study - falling from the sky activities](#)

## **Bundles exist for these items also with significant discounts:**

- [Momentum What The Heck Case Study + Article + Webquest Bundle](#)

## **Mathematics in Real Life series**

### **Subject based items:**

- [Trigonometry - Maths in Real Life - Article #1](#) [FREE]
- [Algebra - Maths in Real Life - Article #2](#)
- [Statistics - Maths in Real Life - Article #3](#)
- [Probability - Maths in Real Life - Article #4](#)
- [Geometry - Maths in Real Life - Article #5](#)
- [Fractions - Maths in Real Life - Article #6](#)
- [Functions - Maths in Real Life - Article #7](#)
- [Order of Operations - Maths in Real Life - Article #8](#)
- [Decimals - Maths in Real Life - Article #9](#)
- [Calculus - Maths in Real Life - Article #10](#)

### **Career based items:**

- [Mechanic Maths - Maths in Real Life - Article #11](#) [FREE]

- [Bus Driver Maths - Maths in Real Life - Article #12](#)
- [Journalism Maths - Maths in Real Life - Article #13](#)
- [Acting Maths - Maths in Real Life - Article #14](#)
- [Artistic Maths - Maths in Real Life - Article #15](#)
- [Landscape Maths - Maths in Real Life - Article #16](#)
- [Entrepreneur Maths - Maths in Real Life - Article #17](#)
- [Farmer Maths - Maths in Real Life - Article #18](#)
- [Baker Maths - Maths in Real Life - Article #19](#)
- [Doctor Maths - Maths in Real Life - Article #20](#)
- [Home Owner Maths - Maths in Real Life - Article #21](#)
- [Author Maths - Maths in Real Life - Article #22](#)
- [Pilot Maths - Maths in Real Life - Article #23](#)
- [Firefighter Maths - Maths in Real Life - Article #24](#)
- [Lawyer Maths - Maths in Real Life - Article #25](#)
- [Taxi Driver Maths - Maths in Real Life - Article #26](#)
- [Athlete Maths - Maths in Real Life - Article #27](#)
- [Photographer Maths - Maths in Real Life - Article #28](#)
- [Puzzle Maker Maths - Maths in Real Life - Article #29](#)
- [Insurance Agent Maths - Maths in Real Life - Article #30](#)

**Bundles exist for these items also with significant discounts:**

- [Maths in Real Life Articles #1-10 Set | Topic Bundle](#)
- [Maths in Real Life Articles #11 - 20 Set | Career Bundle](#)
- [Maths in Real Life Articles #1 - 20 Set | Complete Bundle](#)
- [Maths in Real Life Articles #21-30 Set | Career focused](#)
- [Complete 30 Article set - Awesome Bundle](#)

## ***How Is It Made series***

- Hot Dogs | How is it made? #1 - [Google](#) - [Offline](#)[FREE]
- Glass | How is it made? #2 - [Google](#) - [Offline](#)
- Charcoal | How is it made? #3 - [Google](#) - [Offline](#)
- Bubblegum | How is it made? #4 - [Google](#) - [Offline](#)
- Cement | How is it made? #5 - [Google](#) - [Offline](#)
- Aluminum Cans | How is it made? #6 - [Google](#) - [Offline](#)
- Chocolate | How is it made? #7 - [Google](#) - [Offline](#)
- Almond Milk | How is it made? #8 - [Google](#) - [Offline](#)
- Diapers | How is it made? #9 - [Google](#) - [Offline](#)
- White Sugar | How is it made? #10 - [Google](#) - [Offline](#)
- Balloons | How is it made? #11 - [Google](#) - [Offline](#) [FREE]
- Paper | How is it made? #12 - [Google](#) - [Offline](#)
- Marshmallows | How is it made? #13 - [Google](#) - [Offline](#)
- Car Tyres | How is it made? #14 - [Google](#) - [Offline](#)
- Jellybeans | How is it made? #15 - [Google](#) - [Offline](#)
- Cheese | How is it made? #16 - [Google](#) - [Offline](#)
- Plant Pots | How is it made? #17 - [Google](#) - [Offline](#)
- Elastic Bands | How is it made? #18 - [Google](#) - [Offline](#)
- Soy Sauce | How is it made? #19 - [Google](#) - [Offline](#)



- Potato Chips | How is it made? #20 - [Google](#) - [Offline](#)

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- How is it made? #1-10 - 10 Article Bundle - [Google](#) - [Offline](#)
- How is it made? | Food Related | 5 Article Bundle - [Google](#) - [Offline](#)
- How is it made? | Materials Related | 5 Article Bundle - [Google](#) - [Offline](#)
- How is it made? #11-20 - 10 Article Bundle - [Google](#) - [Offline](#)
- How is it made? | Food Related | 10 Article Bundle - [Google](#) - [Offline](#)
- How is it made? | Materials Related | 10 Article Bundle - [Google](#) - [Offline](#)
- How is it made? #1-20 - Complete 20 Article Bundle - [Google](#) - [Offline](#)

***International Baccalaureate (IB) Middle Years Programme (MYP) series***

- IDU - Electricity / lightning - IB MYP STEM unit plan - [link here](#)
- IB MYP Artificial limb unit - MYP Mathematics STEM unit planner - [link here](#)
- IB MYP NGSS unit planner - Chemical change and energy - [link here](#) [FREE]
- IB MYP NGSS Unit plan - Zero impact (sustainable housing) - [link here](#)
- Hertzprung Russel Diagram presentation IB MYP Physics - [link here](#)
- MYP IGCSE atom and isotope digital exploration - [link here](#)
- MYP / IGCSE Refraction and Reflection digital exploration - [link here](#)
- IB MYP STEM unit planner - Nanotechnology - [link here](#)
- MYP STEM by concept and criteria / 90 STEM topics - [link here](#)
- IB MYP - Nature of Science - introductory unit plan - [link here](#)
- IB MYP Unit Planner - Food and Energy - MYP 2 & 3 - [link here](#)
- IB MYP Unit Planner - Growth - MYP 2 & 3 - [link here](#)
- IB MYP Unit Planner - Building Blocks of Life - MYP 1 & 2 - [link here](#)
- Mathematical vision - MYP unit plan (highly detailed) - [link here](#)
- The Art of Mathematics - MYP unit plan (highly detailed) - [link here](#)
- The Problem with Money - MYP unit plan (highly detailed) - [link here](#)
- Unlikely Life - MYP unit plan (highly detailed) - [link here](#)
- Planet Unknown - MYP unit plan (highly detailed) - [link here](#)
- Characteristics of life and body systems - MYP unit plan (highly detailed) - [link here](#)
- What matters is... - MYP unit plan (highly detailed) - [link here](#)
- The Power of Magnets - MYP unit plan (highly detailed) - [link here](#)
- Mathematical vision - MYP unit bundle - [link here](#)
- The Art of Mathematics - MYP unit bundle - [link here](#)
- The Problem with Money - MYP unit bundle - [link here](#)
- Unlikely Life - MYP unit bundle - [link here](#)
- Characteristics of life and body systems - MYP unit bundle - [link here](#)
- The Power of Magnets - MYP unit bundle - [link here](#)
- Planet Unknown - MYP unit bundle - [link here](#)

**Bundles exist for these items also with significant discounts:**

- IB MYP Unit planner set (8 units) STEM Education - [link here](#)
- IB MYP Mega bundle - STEM related resources - [link here](#)
- 4 MYP 2 Mathematics Detailed Unit Planners - [link here](#)
- 4 MYP 2 Science Detailed Unit Planners - [link here](#)

- 4 MYP 2 Mathematics Detailed Unit Bundles - [link here](#)
- MYP Unit Planner - Ultimate Set - [link here](#)

## ***International Baccalaureate (IB) Diploma Programme (DP) series***

- IB DP Physics 2023 syllabus - Foundational skills - Measurements in Physics - [link here](#) [FREE]
- IB DP Physics 2023 syllabus - Foundational skills - Uncertainties and Errors - [link here](#)
- IB DP Physics 2023 syllabus - Foundational skills - Vectors and Scalars - [link here](#)
- IB DP Physics 2023 syllabus - Foundational skills - Complete bundle - [link here](#)
- IB DP Physics 2023 syllabus - Unit A - Space, time and motion - Kinematics | A.1 - [link here](#) [FREE]
- IB DP Physics 2023 syllabus - Space, time and motion - A.2 Forces and Momentum - [link here](#)
- IB DP Physics 2023 syllabus - Space, time and motion- A.3 Work, Energy and Power - [link here](#)
- IB DP Physics 2023 syllabus - Unit B - B.1 Thermal Energy Transfers - [link here](#) [FREE]
- IB DP Physics 2023 syllabus - Unit B - B.2 Greenhouse Gases - [link here](#)
- IB DP Physics 2023 syllabus - Unit B - B.3 Gas Laws - [link here](#)
- IB DP Physics 2023 syllabus - Unit B - B.5 Current and circuits - [link here](#)
- IB DP Physics - Projectile motion online lab exploration - Topic 2.1 - [link here](#)
- IB DP Physics - Topic 3 - Gas / thermal energy - exploration laboratory script - [link here](#)
- IB DP Physics - Topic 4 - Waves - An exploration script on waves - [link here](#)
- IB DP Physics - topics 2, 3 and 4 - exploration simulation lab scripts - [link here](#)
- IB DP Physics - The Why game - based on Topics 1, 2, 3 and 6 - [link here](#)
- IB DP Physics - topic 2 - Hookes Law exploration lab script - [link here](#)
- IB DP Physics Definition Bingo - Revision tool (2016 syllabus) - [link here](#)
- IB DP Physics - Unit 1 - Measurements and uncertainties (2016 syllabus) - [link here](#)
- IB DP Physics - Unit 2 - Mechanics (2016 syllabus) - [link here](#)
- IB DP Physics - Unit 3 - Thermal Physics (2016 syllabus) - [link here](#)
- IB DP Physics - Unit 4 - Waves (2016 syllabus) - [link here](#)
- IB DP Physics - Unit 5 - Electricity and Magnetism (2016 syllabus) - [link here](#)
- IB DP Physics - Unit 6 - Circular motion and Gravitation (2016 syllabus) - [link here](#)
- IB DP Physics - Unit 7 - Atomic, Nuclear and Particle Physics (2016 syllabus) - [link here](#)
- IB DP Physics - Unit 8 - Energy Production (2016 syllabus) - [link here](#)

### **Bundles exist for these items also with significant discounts:**

- IB DP Physics SL - SUPER SET (2016 syllabus) - [link here](#)

## ***Middle Years Science Resources***

- Grade 6/7/8 Light and Magnetism project - assessment menu / rubric both included - [link here](#)
- Grade 7/8/9 Electricity project - assessment menu / rubric both included - [link here](#)
- IGCSE Physics Electricity practice multiple choice questions - [link here](#)
- Electricity / Light and Magnetism projects - [link here](#)
- IGCSE Physics Formulas and Units quiz - [link here](#)
- Key Stage 3 Biology - UK syllabus aligned 238 original questions - [link here](#)
- Key Stage 3 Chemistry- UK syllabus aligned 202 original questions - [link here](#)
- Key Stage 3 Physics - UK syllabus aligned 335 original questions - [link here](#)

**Bundles exist for these items also with significant discounts:**

- 777 Biology / Chemistry / Physics KS3 Science Questions UK syllabus aligned - [link here](#)

## ***Home School Lesson Plans***

- Small group online home school lesson plans | 13 science lesson plans | Holistic - [link here](#)
- Small group online home school lesson plans | 15 mathematics lessons | Holistic - [link here](#)

**Bundles exist for these items also with significant discounts:**

- Small group online home school 28 science / mathematics lesson plans | Holistic - [link here](#)

## ***NGSS Aligned Lesson Starter Questions***

- 125 Biology Lesson Starter Questions | NGSS Middle School Life Science - [link here](#)
- 125 Earth & Space Science Lesson Starter Questions | NGSS Middle School - [link here](#)
- 125 Physical Science Lesson Starter Questions | NGSS Middle School Level - [link here](#)
- 50 Engineering Design Lesson Starter Questions | NGSS Middle School Level - [link here](#) [FREE]
- 125 Physical Science Lesson Starter Questions | NGSS High School Level - [link here](#)
- 125 Life Sciences Lesson Starter Questions | NGSS High School Level - [link here](#)
- 125 Earth and Space Sciences Lesson Starter Questions | NGSS High School Level - [link here](#)
- 50 Engineering Design Lesson Starter Questions | NGSS High School Level - [link here](#) [FREE]
- 125 Biology Lesson Starter Questions | NGSS MS Life Science Offline- [link here](#)
- 125 Earth & Space Science Lesson Starter Questions | NGSS MS Offline- [link here](#)
- 125 Physical Science Lesson Starter Questions | NGSS MS Level Offline- [link here](#)
- 50 Engineering Design Lesson Starter Questions | NGSS MS Level Offline- [link here](#) [FREE]
- 125 Physical Science Lesson Starter Questions | NGSS HS Level Offline- [link here](#)
- 125 Life Sciences Lesson Starter Questions | NGSS HS Level Offline- [link here](#)
- 125 Earth and Space Sciences Lesson Starter Questions | NGSS HS Offline- [link here](#)
- 50 Engineering Design Lesson Starter Questions | NGSS HS Level Offline- [link here](#) [FREE]

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- Science Lesson Starter Questions Bundle | NGSS Middle School Level - [link here](#)
- Science Lesson Starter Questions Bundle | NGSS High School Level - [link here](#)
- Science Lesson Starter Questions Bundle | NGSS Middle and High School Level - [link here](#)
- Science Lesson Starter Questions Bundle | NGSS MS Level Offline- [link here](#)
- Science Lesson Starter Questions Bundle | NGSS High School Level Offline- [link here](#)
- Science Lesson Starter Questions Bundle | NGSS MS & HS Level Offline s - [link here](#)

## **Maths Worksheets**

- Maths Money Worksheets | Percentages & Compounding Set #1 Fluency - [Google](#) - [Offline](#) [FREE]
- Maths Money Worksheets | Percentages & Compounding Set #2 Challenging - [Google](#) - [Offline](#)
- [Algebra Worksheets \(3 activity types\) | 4 Worksheet Set | Middle / High School](#)
- [Technical Mathematics \(Tech Maths\) Worksheets | 4 Worksheet Set](#)

## **Games**

- [Elements Trumps Game - 32 Most Abundant - Periodic Table - Science Top Trumps](#)

## **For Grades K / 1 / 2 / 3**

### **Mathematics Menus For Younger Students**

- Addition Math Menu Grade 2 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)[FREE]
- Data / Graphs Math Menu Grade 2 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Equal Groups Math Menu Grade 2 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Geometry Math Menu Grade 2 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Measurement Math Menu Grade 2 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Money Math Menu Grade 2 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Place Value Math Menu Grade 2 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Subtraction Math Menu Grade 2 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Telling Time Math Menu Grade 2 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Add/Subtract Math Menu Grade 3 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)[FREE]
- Data/Graphs Math Menu Grade 3 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Geometry Math Menu Grade 3 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Fractions Math Menu Grade 3 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Multiplication Math Menu Grade 3 Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Division Math Menu Grade 3 Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Area / Perimeter Math Menu Grade 3 Enrichment Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Measurement Math Menu Grade 3 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)

- Place Value Math Menu Grade 3 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Rounding Math Menu Grade 3 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Telling time Math Menu Grade 3 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Addition Math Menu Grade 1 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)[FREE]
- Subtraction Math Menu Grade 1 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Counting Math Menu Grade 1 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Data Math Menu Grade 1 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Geometry Math Menu Grade 1 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Measurement Math Menu Grade 1 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Place Value Math Menu Grade 1 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)
- Time Math Menu Grade 1 | Enrichment | Choice menu | Printable & Digital - [Google](#) - [Offline](#)

**Bundles exist for these items also with significant discounts:**

- Math Menus Grade 1 | Enrichment | Choice menu | Printable & Digital - [link here](#)
- Math Menus Grade 2 | Enrichment | Choice menu | Printable & Digital - [link here](#)
- Math Menus Grade 3 | Enrichment | Choice menu | Printable & Digital - [link here](#)
- Math Menus Grade 1 / 2 | Enrichment | Choice menu | Printable & Digital - [link here](#)
- Math Menus Grade 2/3 | Enrichment | Choice menu | Printable & Digital - [link here](#)
- Math Menus Grade 1/2/3 | Enrichment | Choice menu | Printable & Digital - [link here](#)

## ***Resources For Younger Students***

- Addition and Subtraction Flashcards Fluency [Print ready] | Printable - [link here](#)
- 1188 Digital Addition and Subtraction Flashcards for Fluency - [link here](#)
- 1188 DINOSAUR Digital Addition and Subtraction Flashcards for Fluency - [link here](#)
- 1144 Digital Multiplication and Division flashcards up to 50 - [link here](#)
- 1188 Digital Addition and Subtraction Flashcards for Fluency (PPTs) - [link here](#)
- 1188 DINOSAUR Digital Addition and Subtraction Flashcards for Fluency (PPTs) - [link here](#)
- Animal STEM Careers Colouring Sheets (Offline ) | Science | Mathematics - [link here](#) [FREE]
- Animal STEM Careers Colouring Sheets (Google ) | Science | Mathematics - [link here](#) [FREE]

## ***Common Core Aligned Problems***

- 353 Common Core State Standards aligned word problems Grade K - 27 worksheets - [link here](#)
- 620 Common Core State Standards (CCSS) word problems Grade 1 - 31 worksheets - [link here](#)
- 1300 Common Core State Standards (CCSS) word problems Grade 2 - 65 worksheets - [link here](#)

**Bundles exist for these items also with significant discounts:**

- 2273 Common Core State Standards (CCSS) problems Grade K/1/2 - 123 worksheets - [link here](#)

# For All Ages

## Funny Resources

- Mathematics Joke a day | Joke a week | 119 Mathematics jokes class | Printable - [link here](#) | Printable Offline- [link here](#)
- Chemistry Joke a day | Joke a week | 44 hilarious chemistry jokes | Printable - [link here](#) | Printable Offline- [link here](#)
- Pi-day jokes 3/14 - 16 pi-jokes for March 14th laughs | Printable - [link here](#) | Printable Offline- [link here](#)
- Physics Joke a day | Joke a week | 39 hilarious physics jokes | Printable - [link here](#) | Printable Offline- [link here](#)
- Astronomy Joke a day | Astronomy joke a week | 32 hilarious jokes | Printable - [link here](#) | Printable Offline- [link here](#)
- Biology Joke a day | Biology Joke a week | 39 hilarious bio jokes | Printable - [link here](#) | Printable Offline- [link here](#)
- Geography Joke a day | Geography Joke a week | 44 hilarious jokes | Printable - [link here](#) | Printable Offline- [link here](#)
- Art Joke a day | Art Joke a week | 40 hilarious art jokes | Printable - [link here](#) | Printable Offline- [link here](#)
- History Joke a day | History Joke a week | 40 hilarious jokes | Printable - [link here](#) | Printable Offline- [link here](#)
- Technology Joke a day | Technology Joke a week | 34 hilarious jokes | Printable - [link here](#) [FREE] | Printable Offline- [link here](#) [FREE]
- Music Joke a day | Music Joke a week | 46 hilarious jokes | Printable - [link here](#) | Printable Offline- [link here](#)
- Phys. Ed. Joke a day | Joke a week | 40 hilarious phys. ed. jokes | Printable - [link here](#) | Printable Offline- [link here](#)

### **Bundles exist for these items also with significant discounts:**

- Science Joke a day | Science Joke a week | 198 hilarious jokes | Printable - [link here](#)
- 391 STEAM jokes | STEAM joke a day bundle | STEAM joke a week bundle | Printable - [link here](#)
- 351 STEM jokes | STEM joke a day bundle | STEM joke a week bundle | Printable - [link here](#)
- 532 Joke a day | Joke a week | 532 hilarious jokes | Printable - [link here](#)
- Science Joke a day | 198 hilarious jokes | Printable Offline- [link here](#)
- 391 STEAM jokes | STEAM joke a week bundle | Printable Offline- [link here](#)
- 351 STEM jokes bundle | STEM joke a week bundle | Printable Offline- [link here](#)
- 532 Joke a day | Joke a week | 532 hilarious jokes | Printable Offline- [link here](#)

## Inspirational Resources

- Astronomy Quote a day | 33 inspirational accessible quotes Printable (Google) - [link here](#) | Printable (Offline) - [link here](#)

- Technology Quote a day | 35 inspirational accessible quotes Printable (Google) - [link here](#) | Printable (Offline) - [link here](#) [FREE]
- Biology Quote a day | 32 inspirational accessible quotes Printable (Google) - [link here](#) | Printable (Offline) - [link here](#)
- Physics Quote a day | 35 inspirational accessible quotes Printable (Google) - [link here](#) | Printable (Offline) - [link here](#)
- Music Quote a day | 41 inspirational accessible quotes Printable (Google) - [link here](#) | Printable (Offline) - [link here](#)

## ***Jokes & Quotes Bundles***

**Bundles exist for these items also with significant discounts:**

- Astronomy Quotes & Jokes a day | funny + inspirational | Printable (Google) - [link here](#) | Printable (Offline) - [link here](#)
- Biology Quotes & Jokes a day | funny + inspirational | Printable (Google) - [link here](#) | Printable (Offline) - [link here](#)
- Physics Quotes & Jokes a day | funny + inspirational | Printable (Google) - [link here](#) | Printable (Offline) - [link here](#)
- Music Quotes & Jokes a day | funny + inspirational | Printable (Google) - [link here](#) | Printable (Offline) - [link here](#)

## ***Level-up learning frameworks***

- Algebra Level-up Learning Framework | 24 levels | self-paced work plan - [link here](#)
- Functions and Graphs Learning Framework | 41 levels | self-paced work plan - [link here](#)

**Bundles exist for these items also with significant discounts:**

- Algebra | Functions & Graphs Learning Frameworks | 65 levels - [link here](#)

## ***E-books***

- The Pocket Guide to the Universe: Part 1 - [link here](#)
- The Pocket Guide to the Universe: Part 2 - [link here](#)
- The Pocket Guide to the Universe: Part 3 - [link here](#)
- The pocket guide to the universe complete ebook - parts 1, 2 and 3 - [link here](#)
- Choose your own science adventure ebook - Stars | Interactive learning ebook - [link here](#)
- Choose your own science adventure ebook - Stars + 8 Astro Article Bundle - [link here](#)

## ***Video Companions***

- Veritasium Video companions - Non-Astronomy related - [link here](#)

- Veritasium Video companions - Astronomy related - [link here](#)
- Minute physics Video companions - [link here](#)
- Veritasium / Minutephysics video companions - [link here](#)
- Veritasium Video companions - [link here](#)
- Crash Course Astronomy Video Companions | 46 video question companions - [link here](#)

**Bundles exist for these items also with significant discounts:**

- Middle School Astro Bundle | NGSS aligned and video companions - [link here](#)

## ***Miscellaneous***

- Plants unit for grade 6/7/8 - full presentation for entire unit - [link here](#)
- Dynamic Seating plan - [link here](#)
- Science Bingo - Grade 6, 7 and 8 - Cambridge checkpoints syllabus associated - [link here](#)
- Revision game - Snakes and Ladders - [link here](#)
- Periodic table - Alphabet (Letter) Posters - [link here](#)
- 303 Astronomy word problems with solutions | IGCSE | GCSE | O-level aligned - [link here](#)
- 172 Astronomy word problems w solutions | International A-level | IB DP aligned - [link here](#)
- Famous Scientists Coloring Sheets - [link here](#)
- 303 Astronomy word problems & sols | IGCSE | GCSE | O-level | Offline- [link here](#)
- 172 Astronomy word probs & sols | International A-level | IB DP Offline- [link here](#)