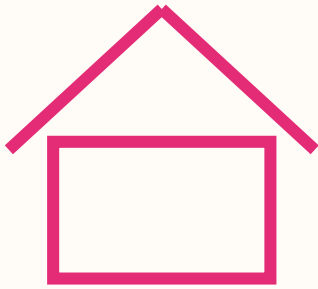


Parent's Guide to GCSE Homeschooling



Helping your child succeed in
English, Maths and Science
without becoming their full-time
teacher.



Courses



Routine



Teaching



Study
skills

Free 15-minute consultation
www.stemologytuition.com



Welcome: a calmer way to plan GCSEs

Homeschooling at GCSE level can feel overwhelming, but it does not need to mean recreating a full school day at home. A successful plan is usually built around a few clear priorities and a routine that can be sustained.

“Parents do not need to become full-time teachers. They need the right courses, reliable teaching, useful feedback and a routine their child can follow.”

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The four foundations of a workable plan



1. The right GCSE courses

Choose qualifications that fit the learner, target grades, exam centre options and the teaching resources available.



2. A realistic weekly routine

Plan focused blocks of teaching and independent work, with breaks, reading, exercise and catch-up time.



3. Regular teaching and feedback

Students need explanation, questions, marked work and help correcting mistakes - not just a list of topics.



4. Strong study and revision skills

A learner must know how to start, retrieve knowledge, practise exam questions and review weak areas. Building confidence through structure.

The aim is not to fill every hour. It is to create enough structure for steady progress without turning home life into an endless school day.

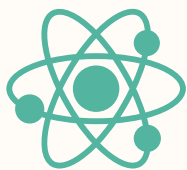
Our recommended GCSE subjects



Maths

Pearson Edexcel GCSE Mathematics (1MA1)

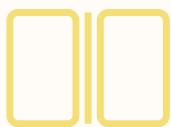
Foundation or Higher tier, chosen according to current attainment and target grade.



Science

AQA GCSE Combined Science: Trilogy (8464)

A double award covering Biology, Chemistry and Physics. Students sit all examinations at the end of the course.



English

AQA GCSE English Language (8700)

An untiered qualification focused on reading, analysis and writing. English Literature can be added where appropriate.

GCSE or International GCSE?

STEMology usually focuses on mainstream GCSE qualifications. This keeps teaching aligned with the specifications, past papers and exam techniques used throughout our programme.

Consideration	Mainstream GCSE	International GCSE
Regulation and context	Designed for the England GCSE system and graded 9-1.	International qualification; assessment structures vary by board and subject.
Resources	Large range of specifications, past papers and UK teaching resources.	Also well supported, but resources and content may differ.
Exam-centre availability	Depends on local centres, board and subject requirements.	Some home-educating families find particular IGCSEs easier to arrange.
Best choice	The course that matches the learner and a confirmed exam centre.	The course that matches the learner and a confirmed exam centre.

Practical rule: identify likely exam centres early. A qualification is only useful if the student can be entered for every required assessment.

STEMology GCSE group lessons

Six hours of live teaching each week

2 hrs

Maths

2 hrs

English

2 hrs

Science

The lessons provide structure, expert teaching and regular contact with other learners. They can form the academic backbone of the week, while short independent tasks reinforce learning between sessions.

Parents do not have to plan and teach every subject alone!

- Live online teaching with a clear curriculum sequence.
- Regular interaction through questions, quizzes and discussion.
- Independent tasks that prepare students and consolidate the lesson.
- Exam preparation embedded throughout the course rather than left until the end.

What every STEMology student receives



Weekly homework

Tasks tailored to the lesson sequence and marked regularly.



Lesson recordings

Rewatch difficult explanations or catch up after an absence.



Quizzes and Q&A

Frequent checks reveal misunderstandings before they grow.



Exam-style practice

Students learn how marks are awarded and how to communicate clearly.



Pre-session work

Short preparation introduces vocabulary and difficult ideas.



Post-session work

Consolidation helps transfer new learning into long-term memory.

Everything is designed to make learning consistent, interactive and accountable - without asking a parent to become the subject specialist.

Example weekly timetable

This example shows how the three STEMology group lessons can anchor the week. Exact lesson days and times can be adjusted to the current group timetable.

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9:00-9:30	Weekly planning	Reading	Maths review	Reading	Weekly review
9:30-10:30	Independent English	Science homework	Independent Maths	English homework	Quiz + corrections
10:30-11:00	Break	Break	Break	Break	Break
11:00-12:00	STEMology Maths	Project / enrichment	STEMology English	Independent study	STEMology Science
12:00-1:00	Lunch	Lunch	Lunch	Lunch	Lunch
1:00-2:00	STEMology Maths	Science revision	STEMology English	Practical activity	STEMology Science
2:00-3:30	Study skills	Exercise / life skills	Study skills	Exercise / life skills	Plan next week

Short independent tasks during the week help students remember what they have learned and prepare for the next live lesson. STEMology can offer supplemental lessons such as 1-1 lessons and study skill sessions- not included in group pricing*

What parents need to provide

Parents do not need to teach every lesson. Their role is mainly to create the conditions in which a learner can work consistently.

Parents do not need to...

- Teach every GCSE topic
- Create a complete curriculum
- Mark every piece of work
- Find all revision resources
- Supervise every minute

Parents should...

- Help maintain a weekly routine
- Provide a quiet study space
- Check that homework is completed
- Encourage reading and revision
- Stay in contact with tutors
- Arrange examination entries

The parent is the learning coordinator, not the classroom teacher.
The parent keeps the system moving; tutors provide subject expertise, feedback and direction.

Why study skills matter

Knowing the subject content is only part of GCSE success. Many students struggle because they do not know how to organise independent learning.



Plan their week



Start independent work



Revise effectively



Remember information



Answer exam questions



Manage their time



Learn from mistakes



Handle distractions

Simply telling a student to “go and revise” is rarely enough. Effective revision is a set of behaviours that can be taught, practised and improved.

Study Skills by STEMology

Study Skills by STEMology helps students become more confident and independent learners. These skills support every subject - not only English, Maths and Science.



Plan realistically

Create a weekly plan that fits teaching, homework, breaks and family life.



Break topics down

Turn a large syllabus into small, clear and achievable tasks.



Use retrieval

Recall knowledge through questions and quizzes instead of repeated rereading.



Read command words

Understand what analyse, compare, evaluate and explain require.



Manage distractions

Use simple routines to reduce procrastination and make starting easier - we recommend the Pomodoro Technique



Review mistakes

Correct errors, identify patterns and plan the next practice task.

For parents, this can mean fewer arguments about studying and less pressure to supervise every task.

Monitoring progress

Progress should be checked regularly rather than waiting until the end of the course. Small, frequent checks make the next step clearer.



Homework

Shows whether the student can complete the method independently.



Quizzes

Reveal what is remembered and what needs revisiting.



Tutor feedback

Explains the mistake and gives a specific improvement action.



Exam questions

Develop timing, interpretation, method and written communication.



Topic reviews

Track patterns across several lessons rather than one isolated score.



Practice assessments

Build exam confidence and help prioritise revision.

The most useful question is not only “What grade did they get?” but also “What should they do next?”

Planning for the exams

Homeschooled students usually sit their exams through a private examination centre. Contact centres early, because availability, fees and assessment arrangements vary.

- ☐ Does the centre accept private candidates?
- ☐ Does it offer the chosen exam board and specification?
- ☐ What are the examination and administration fees?
- ☐ What are the entry deadlines?
- ☐ Can it arrange access arrangements where required?
- ☐ How will English Spoken Language be completed?
- ☐ What does the centre require for Science practical preparation?
- ☐ When and how will results and certificates be collected?

Best practice: confirm the exam centre before the final examination year and discuss access arrangements at the time of entry.

A practical exam-entry timeline



12-18 months before

Identify possible centres. Ask which boards and specifications they accept.



9-12 months before

Confirm the preferred centre, likely fees, entry process and access-arrangement evidence.



6-9 months before

Complete entry paperwork and confirm spoken-language or practical arrangements.



3-6 months before

Use exam-board papers, timed practice and targeted revision from assessment feedback.



Exam term

Check the timetable, equipment, identification, travel plan and centre instructions.

A confirmed centre reduces uncertainty and allows teaching, revision and assessment preparation to follow the correct specification.

How STEMology supports families

STEMology provides a clear weekly structure without expecting parents to become full-time teachers. Our approach combines teaching, accountability, exam preparation and learning skills.

6 hrs

live teaching weekly

3

core subjects

1

clear routine

- Maths, English and Science support
- homework and quizzes
- recorded lessons
- regular Q&A opportunities
- exam preparation
- study-skills teaching
- progress feedback

Give your child expert teaching, a consistent routine and the skills needed to become an independent learner.

Ready to make homeschooling feel manageable?

Book a free 15-minute consultation. We will talk through your child's current position, course options, weekly structure and the support that may fit.

BOOK YOUR FREE 15-MINUTE CONSULTATION



Website
stemologytuition.com



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(Theo)

Official references

Pearson Edexcel GCSE Mathematics
AQA Combined Science: Trilogy
AQA English Language
SEND Code of Practice
Ofqual student exam guide 2026