

STRIDE INTO *THE FUTURE* OF ASSESSMENT

Transforming maths with
revolutionary new adaptive tests.

aqa.org.uk/stride



DISCOVER THE *NEXT GENERATION* OF MATHS ASSESSMENT WITH STRIDE

Stride is our powerful new on-screen diagnostic test to find and fix students' maths gaps. Our revolutionary new adaptive tests identify what your learners don't know and why, to help close gaps in their conceptual understanding. Fully funded to transform maths learning for every student, we've drawn on years of research to develop game changing maths assessment.

Join the future of maths adaptive assessment.
Visit aqa.org.uk/stride to find out more.



DISCOVER WHAT **STRIDE** CAN DO FOR YOU AND YOUR STUDENTS

Stride assesses conceptual understanding crucial for GCSE success. Developed by our assessment experts in collaboration with maths teachers, Stride identifies what students don't know and why. Stride is:

- personalised to give the right amount of challenge and boosts students' confidence
- designed to allow you to quickly see whole year group performance and spot trends – saving you time
- rigorously trialled and highly rated by students for nurturing independence, confidence, and maths understanding
- fully-funded by AQA to help every student transform their maths learning.

HOW STRIDE CAN **TRANSFORM** YOUR TEACHING

Stride gives you the right data, analysis and insights for a clear view of your students' readiness to start studying GCSE. Questions are right for every learner, ensuring no student is left behind. Stride provides:

- five 20-minute tests that pinpoint key concepts and skills for successful GCSE study
- quick interventions that find and fix students' gaps in knowledge
- instant access to whole year group performance, trends and misconceptions for improved outcomes produced instantly
- versatile insights for baseline or half-termly assessments, planning, interventions and personalised student targets
- engaging diagnostic tests.



PERSONALISED LEARNING BUILT IN

Stride isn't just an assessment and diagnostics tool; it's a learning tool too. Personalised to give the right amount of challenge to each student, it will provide:

- a tailored learning task based on their test
- light touch formative feedback and practice
- a new learning task once the previous one is completed
- a spaced retrieval task to aid learning.

GET INTO YOUR *STRIDE*

Stride is easy to implement in schools and user-friendly for both students and teachers. It is accessible via all major web browsers and devices. With Stride, you can:

- fit 20-minute tests easily into normal maths lessons
- use as regular assessment of student progress
- save time spent marking, as it's auto-marked
- see your students' performance and conceptual knowledge gaps via a dashboard
- use in year 9 or 10 to build those foundational skills for GCSE, or at the beginning of year 12 to assess your cohort for resits.

TURN MISCONCEPTIONS TO *MASTERY*

Stride is designed to assess the essential knowledge that underpins success with GCSE mathematics. The five mathematical concepts are broken down into Key Learning Areas, covering content up to the end of Key Stage 3.

The concepts were developed in collaboration and consultation with subject matter experts, within AQA, and then validated with the help of the Institute of Education at University College London (UCL).

Each of the five **key concepts** is underpinned by **concept maps**, which show the threads connecting the mathematics. Building a strong foundation will enable learners to successfully learn new concepts.

- NUMBERS
- ALGEBRA
- PROPORTIONS
- GRAPHS
- SHAPES

ABOUT THE *CONCEPT MAPS*

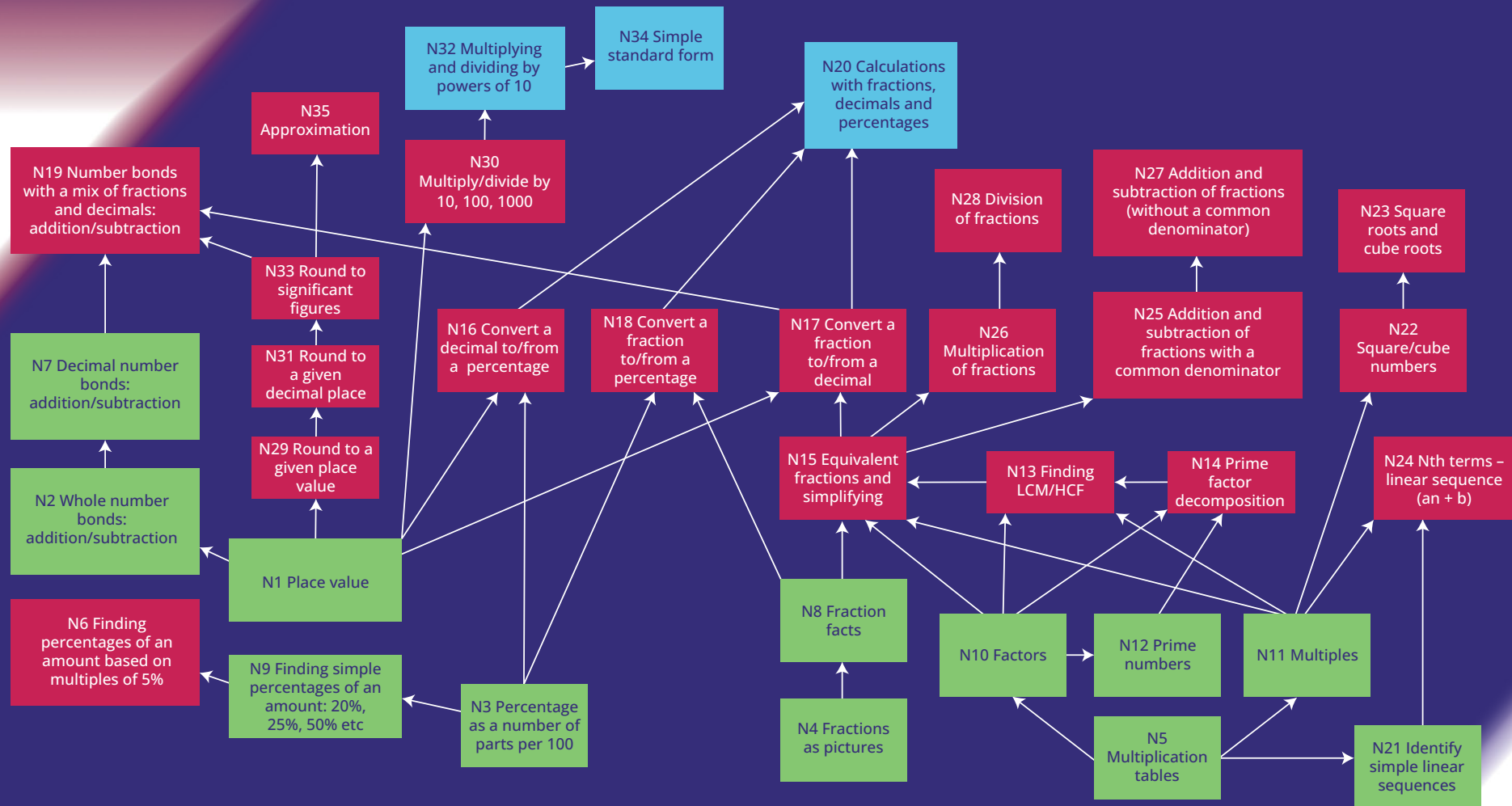
- Concept maps were developed with the help of the Institute of Education at UCL. We also consulted with teachers and members of our Expert Panel.
- They show the way in which mathematical understanding is acquired. Stride tests explore the concept maps with the student, asking questions to identify their gaps and misconceptions.
- The maps can be used with the test reports to understand where gaps are and plan interventions.
- Each map has a teacher companion guide that shows what is being assessed along with links to KS2 and KS3 guidance.
- We are also working with providers of maths resources to provide links to intervention resources.



NUMBERS



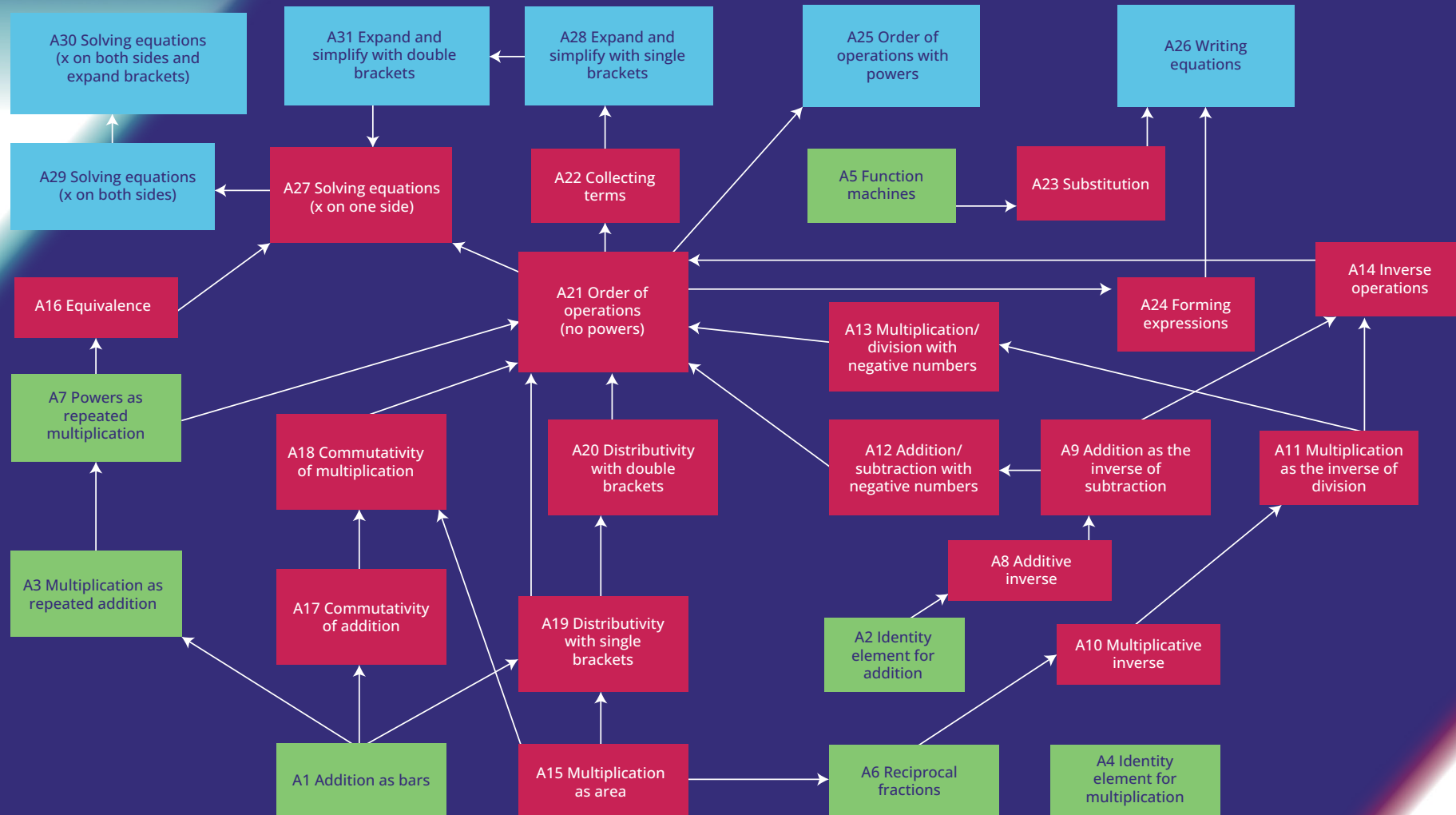
The **fundamental knowledge** that underpins mathematics is shown as green nodes.



ALGEBRA



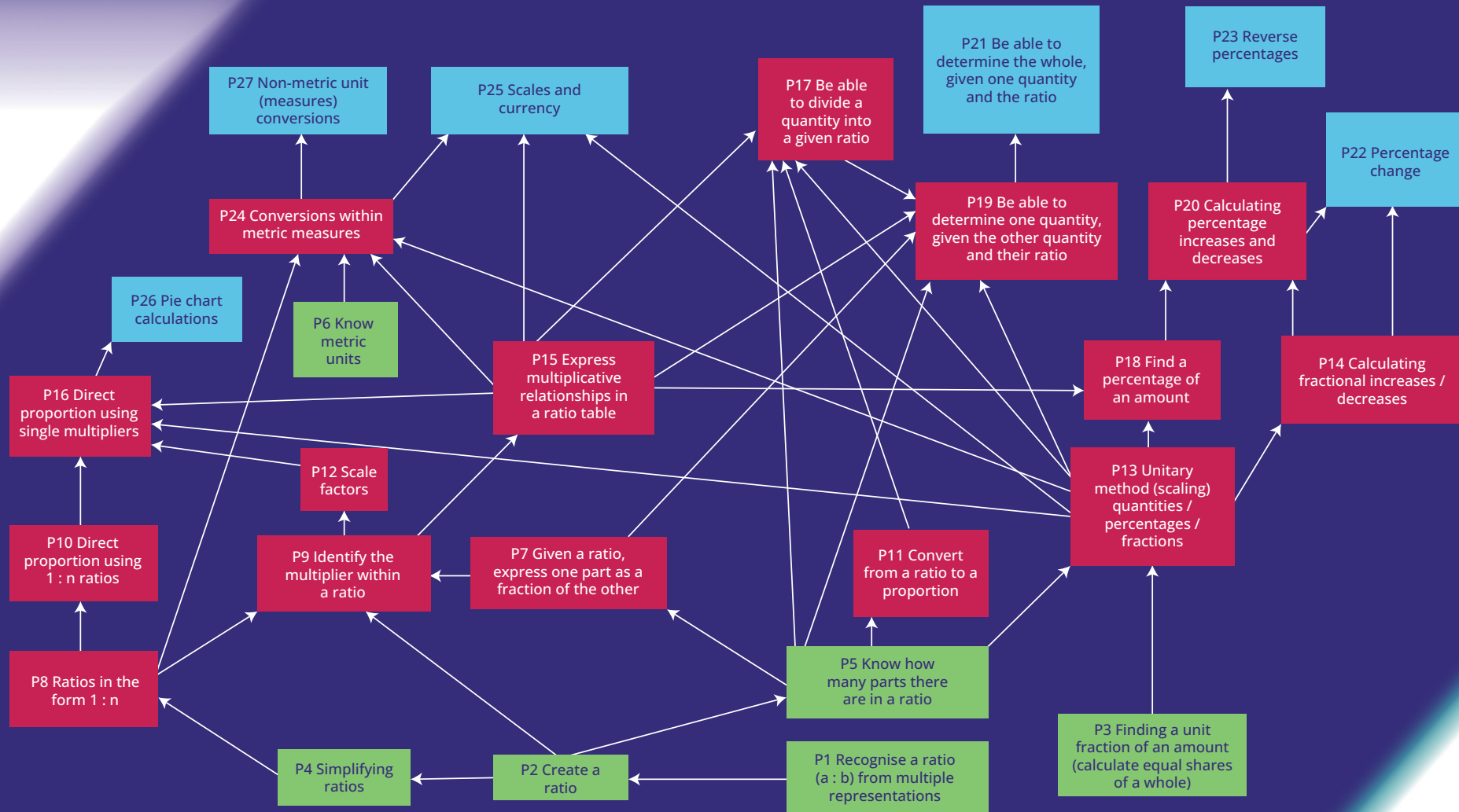
The main content of Key Stage 3 is shown as red nodes.



PROPORTIONS



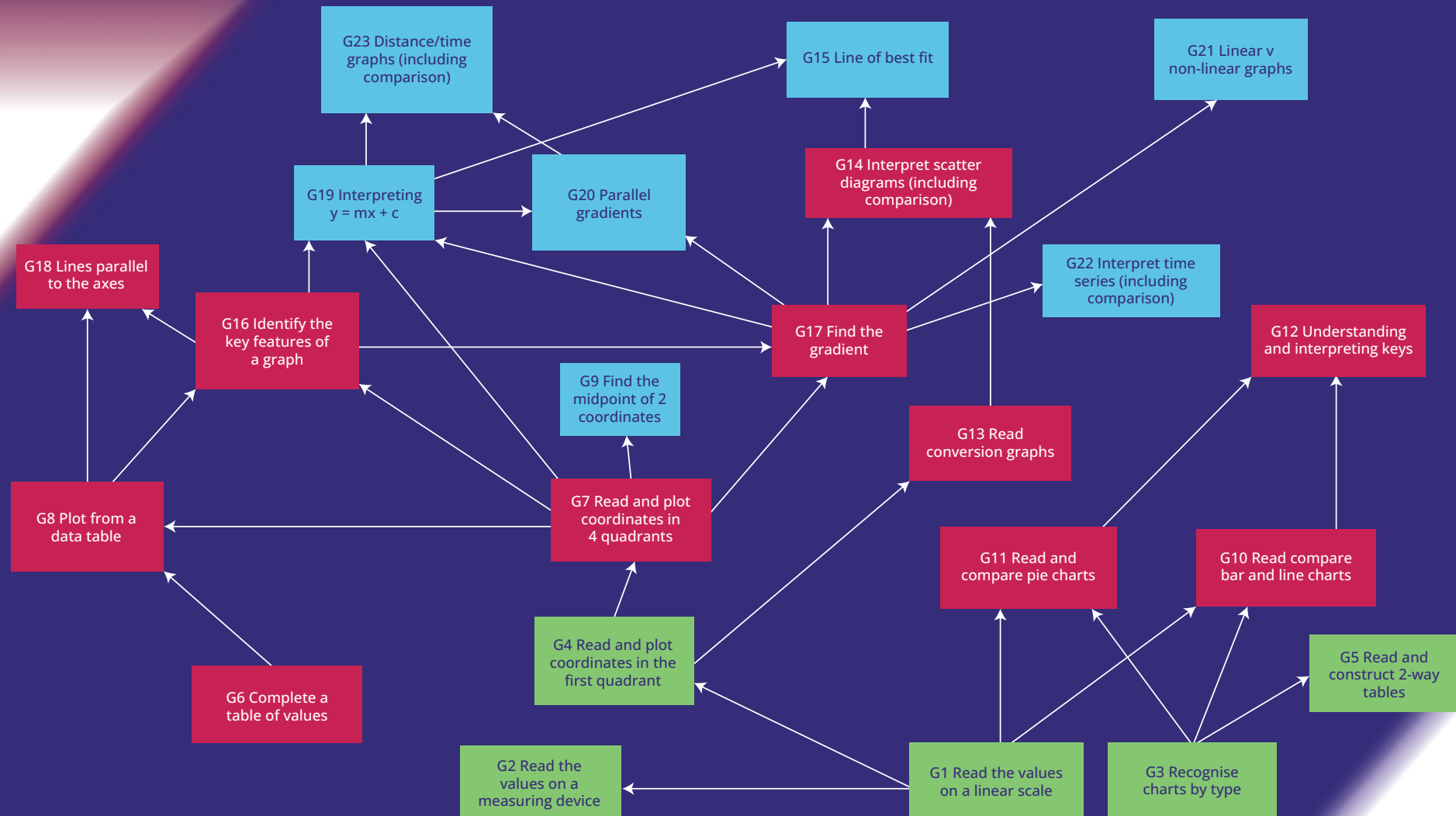
Desirable knowledge for GCSE mathematics is shown as blue nodes.



GRAPHS



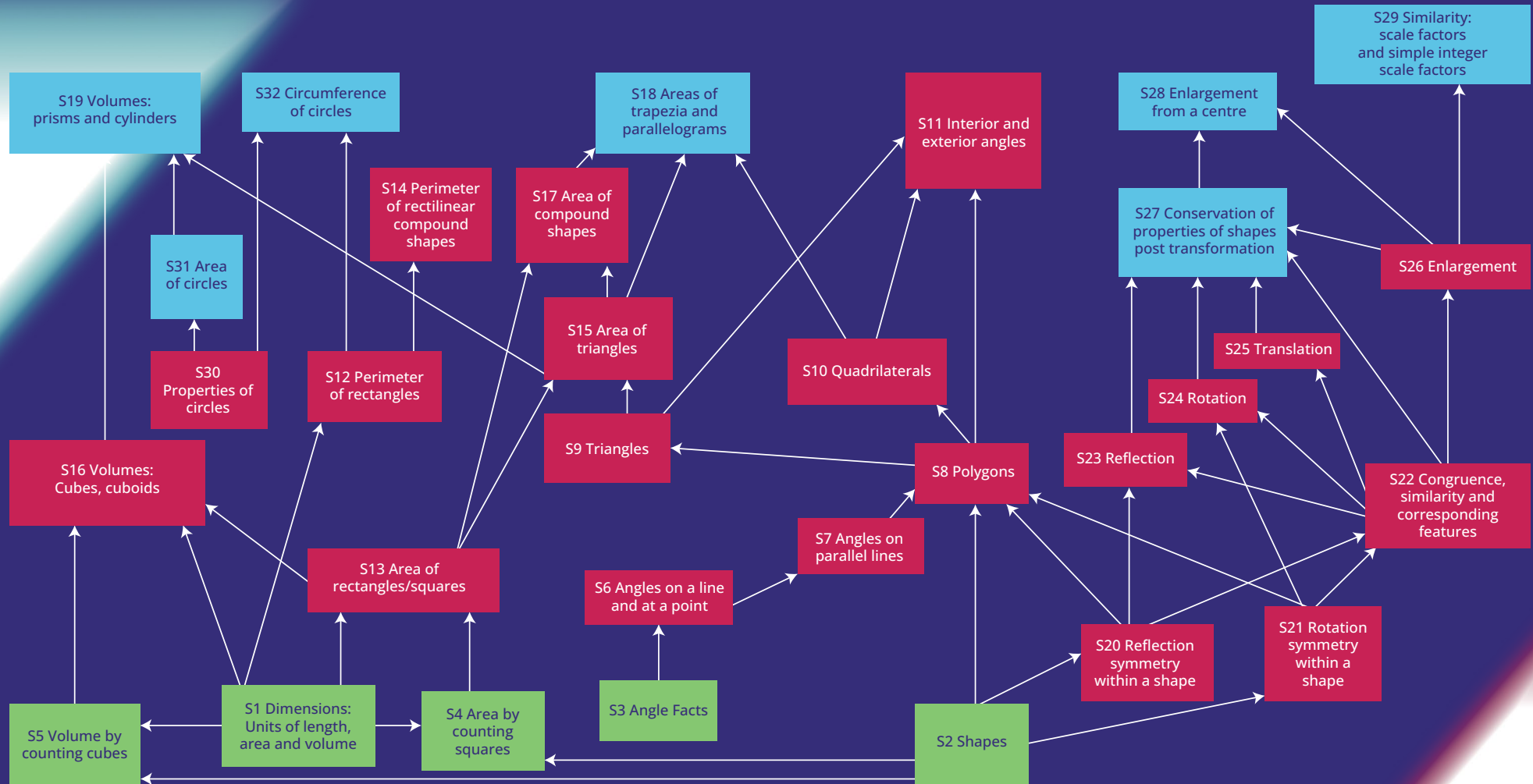
Each assessment bounces around the **knowledge space**, understanding the strengths and areas for development of your learners.



SHAPES



The **teacher analytics** provide important information about where your learners' gaps exist, so that you can develop the knowledge essential for GCSE study.





Questions matter

EXPERIENCE THE *NEXT GENERATION* OF ADAPTIVE LEARNING WITH STRIDE TODAY

Visit aqa.org.uk/stride

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support team**

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