Curriculum Maestro

by Cornerstones Education

Cornerstones

A smarter curriculum platform for forward-thinking primary schools

Who we are and what we do

Cornerstones Education is a team of experienced, specialist primary educators leading forward-thinking primary schools to a smarter, more versatile online curriculum. You can see our full team by visiting our website **www.cornerstoneseducation.co.uk**.

Our revolutionary platform Curriculum Maestro offers primary schools the content, tools and resources they need to design, develop, implement, adapt and assess an ambitious primary curriculum.

Curriculum maestro™

Leading change

Working in partnership with schools of all sizes and configurations, we help you to develop a more dynamic approach to your curriculum that makes a big difference to teachers, leaders and learners.

Trusted expert advisers

Our experienced and trusted curriculum advisers work closely with schools to develop supportive partnerships. Having a dedicated adviser on hand enables us to offer bespoke support to meet the needs of your school. Our advisers are here to answer your questions by LiveChat, email or phone five days a week between the hours of 8am and 5pm or face-to-face if needed.

Imagine better

If you are ready to imagine your curriculum with better planning, more accurate assessment and greater dynamic leadership, then please contact our team on **03333 208000** to book a personalised, online walk-through of Maestro.

You'll also find a five-minute curriculum questionnaire at the back of this brochure to help you think about your next steps to a smarter curriculum.

Your platform, tools and resources

Curriculum Maestro houses a fully sequenced curriculum framework from Nursery to Year 6 and progression maps for all subjects of the national curriculum.

Projects, lesson plans and resources

We also provide expertly written, subject-specific schemes with detailed primary curriculum projects, including lesson plans and thousands of resources made by our experienced writers and designers. These cover science, history, geography, art and design, design and technology and a full EYFS curriculum. English packs are available for many genres, and there are termly KS1 book and KS2 novel studies.

Curriculum Maestro also provides lesson plans and resources for:

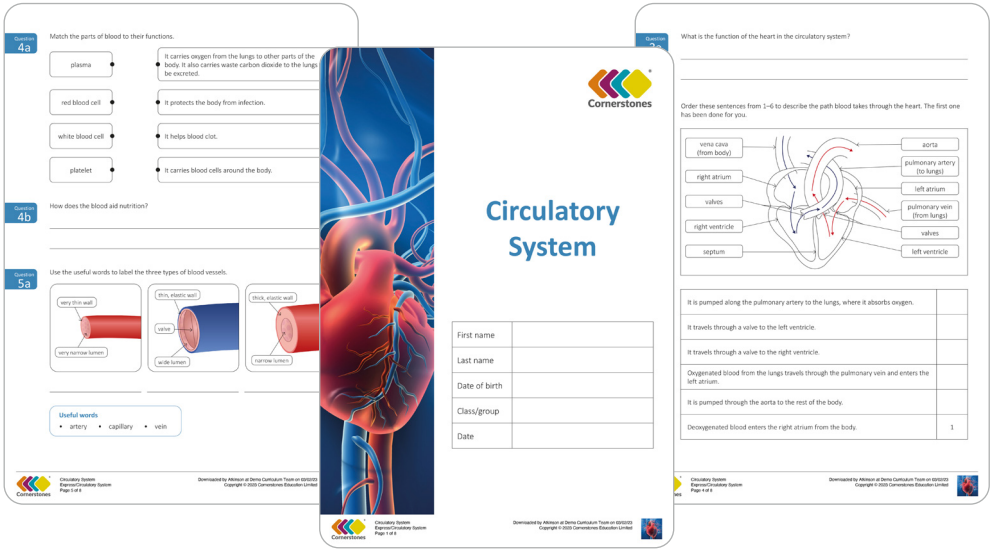
- Mathematics (through the White Rose Maths scheme)
- Religious education (through the Love to Celebrate scheme)
- Computing (through the Barefoot Computing scheme)

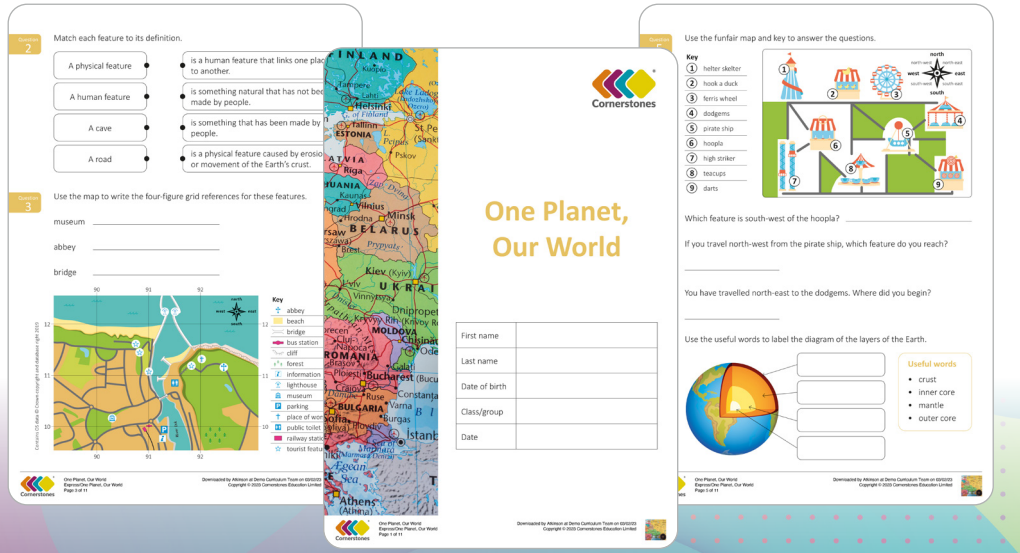
Create your bespoke curriculum

If you are looking for something more bespoke, the curriculum framework provides a fantastic structure on which you can build your own ambitious curriculum. Cultural capital and localisation opportunities are embedded throughout the framework to support the inclusion of children's lived experiences in your curriculum.

Retrieval and testing

Curriculum tests and low-stakes quizzes on Maestro help teachers to assess children's learning, as does the easy-to-use live assessment system integrated with the curriculum framework. With the dynamic assessment of classes, groups and individuals, teachers have immediate data on gaps in children's learning and progress and can make any necessary adaptions or revisions to ensure that all children have a deep understanding of key concepts.



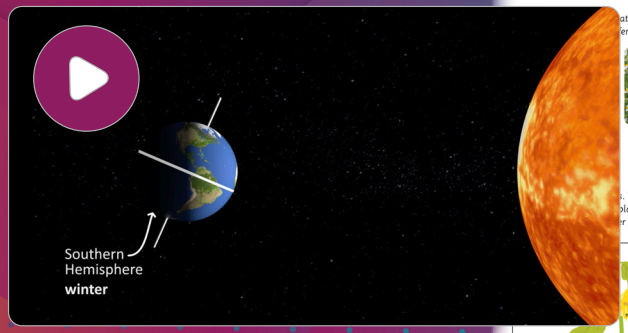


Support the acquisition of knowledge

The resources available on Maestro present the knowledge children need in a variety of different ways for maximum knowledge acquisition, including verbal and visual. All diagrams and photographs are clear and accurate, and we always use high-quality, ambitious texts. With exceptional videos and engaging podcasts included, children are given every opportunity to develop a secure understanding of new concepts.

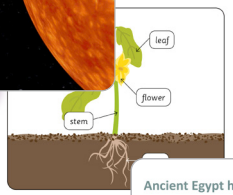
Our range of resources is vast. To give you a glimpse, here are a few examples:

- **Models and diagrams** explain tricky concepts of the curriculum and help children to understand how things work.
- **Information sheets** provide the necessary information and core knowledge children need for individual lessons and activities.
- **Videos** help children to visualise and get to grips with difficult concepts of the curriculum, such as circulation, the solar system and gears.
- **Audio resources** bring the curriculum to life through the telling of stories, historical accounts, radio shows and podcasts.
- **Presentations** give children the knowledge they need to understand core concepts, topics and themes of the curriculum.
- **Knowledge organisers** provide the necessary knowledge children need to remember for all curriculum projects.
- **Maps**, including picture and grid maps, help children to understand place, space, position and location.



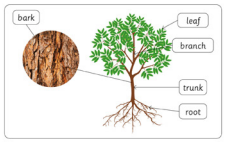
Plant Survival

Daisies grow in meadow habitats.



Trees

Trees are plants. They have roots, a stem called a trunk, bark, branches and leaves.



Trees can be deciduous or evergreen. Deciduous trees lose their leaves in autumn and have bare branches in winter. Evergreen trees shed old leaves and grow new leaves all year round, which means they keep their leaves in winter.

deciduous trees in winter

evergreen trees in winter

Leaves

Leaves come in different shapes and

Bulbs

Some plants grow from bulbs. A bulb contains a tiny plant and all the food the plant needs to grow.

daffodil bulbs

Seeds

Some plants grow from seeds. A seed is a small object that a plant makes. It contains a tiny, young plant and a store of food that the plant needs to start growing before it can make food from sunlight.

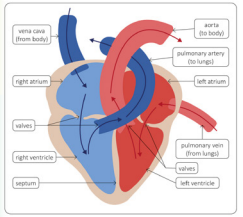
Circulatory System

Circulatory system

The circulatory system is the system that moves blood around the body. It has three parts:

- the heart
- blood vessels
- blood

Heart



The heart is a muscular organ that acts as a pump. It pumps blood around the body through the blood vessels. Deoxygenated blood enters the right atrium through the vena cava. It passes through a valve and into the right ventricle. From there, it is pumped through a valve

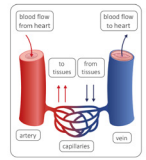
Blood vessels

There are three types of blood vessels.

Arteries carry oxygenated blood from the heart to the body.

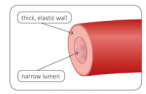
Capillaries connect arteries to the veins. They deliver oxygen and other nutrients to the body's tissues and carry deoxygenated blood and waste products to the veins.

Veins move blood back to the heart, where it is pumped to the lungs and oxygenated.



Structure of arteries

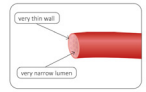
Arteries have thick walls and narrow tubes, called lumen, because the blood is under high pressure as it is pumped from the heart. The arteries are also tough and flexible to withstand this pressure.



artery cross section

Structure of capillaries

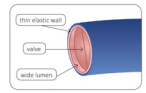
Capillaries are tiny and have very thin walls and narrow lumen so oxygen, other nutrients and waste products can move easily between the blood and the body's tissues.



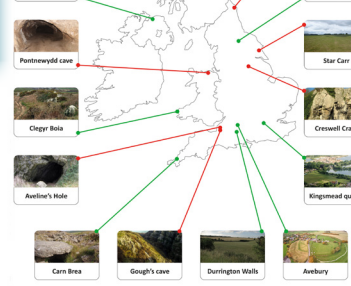
capillary cross section

Structure of veins

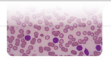
Veins have thin, elastic walls and wide lumen. The walls do not need to be thick because the blood is not under high pressure. Veins contain valves that prevent the blood from flowing backwards.



vein cross section

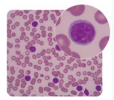


carry waste carbon dioxide from the body's tissues to the lungs so it can be excreted.



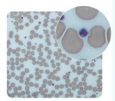
White blood cells

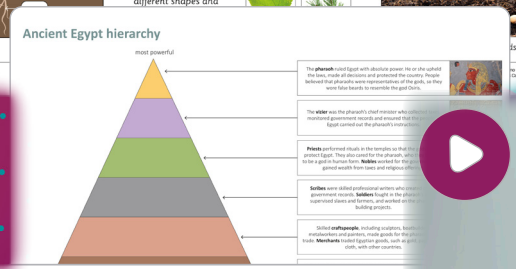
White blood cells only make up about 1% of blood. The main function of white blood cells is to fight infection and other diseases. They are part of the body's immune system.

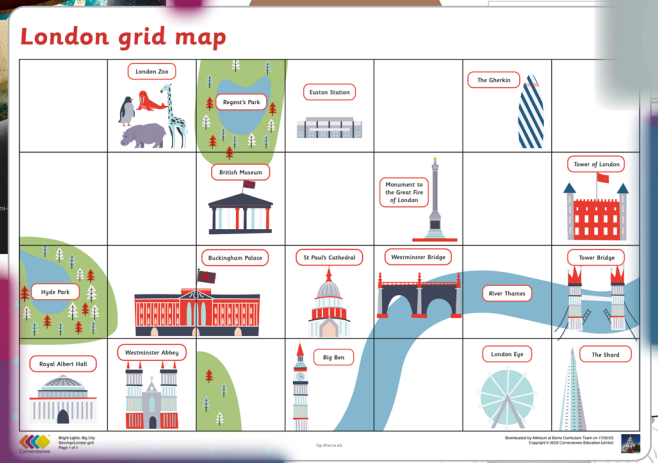


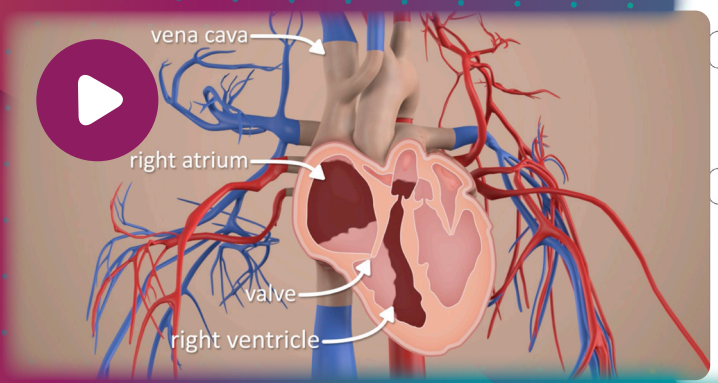
Platelets

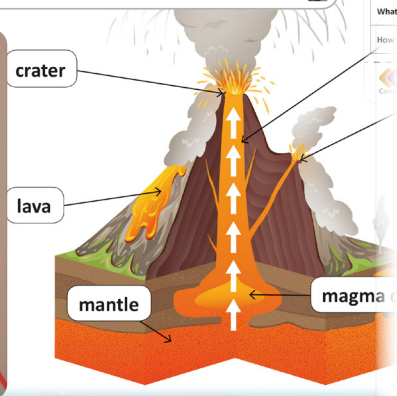
Platelets are small cell fragments that make up less than 1% of blood. Their main function is to clump together, or clot, to stop bleeding.



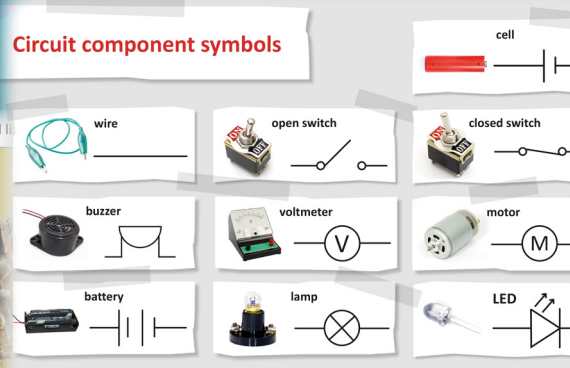








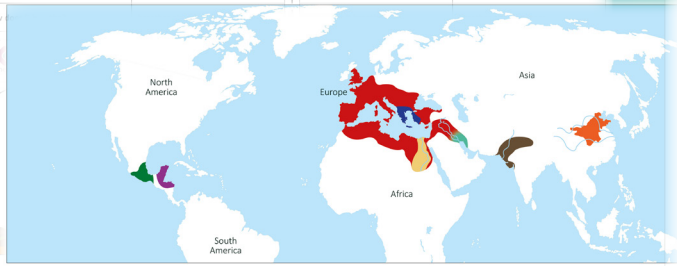
Circuit component symbols



Does it feed its young with milk?	yes
Is it warm blooded or cold blooded?	warm blooded
Does it give birth to live young or lay eggs?	live young
What covers its skin?	fur

collared li

Does it feed its young with milk?	no
Is it warm blooded or cold blooded?	cold blooded
Does it give birth to live young or lay eggs?	lays eggs
What covers its skin?	scales

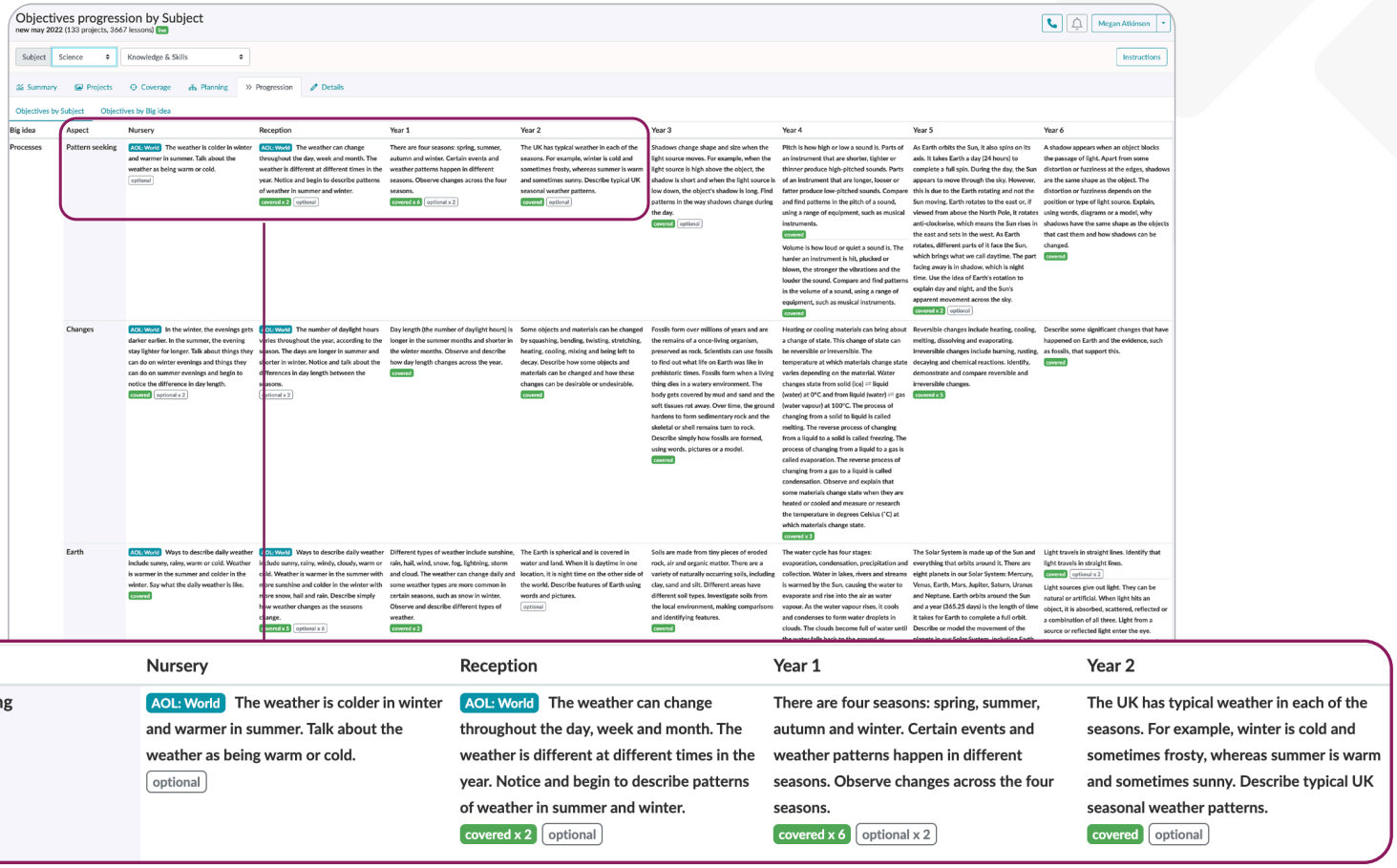


Four-figure grid references

Choose smarter ways to work

Reduce costs and save time

With Curriculum Maestro, you can quickly overcome typical curriculum challenges, such as sequencing knowledge, timetabling, monitoring, triangulating planning, teaching and assessment. Plus, you'll be able to cut costs by eliminating expensive assessment and tracking packages, as Maestro's assessment system is included and fully integrated.



Aspect	Nursery	Reception	Year 1	Year 2
Pattern seeking	AOL: World The weather is colder in winter and warmer in summer. Talk about the weather as being warm or cold. optional	AOL: World The weather can change throughout the day, week and month. The weather is different at different times in the year. Notice and begin to describe patterns of weather in summer and winter. covered x 2 optional	There are four seasons: spring, summer, autumn and winter. Certain events and weather patterns happen in different seasons. Observe changes across the four seasons. covered x 6 optional x 2	The UK has typical weather in each of the seasons. For example, winter is cold and sometimes frosty, whereas summer is warm and sometimes sunny. Describe typical UK seasonal weather patterns. covered optional

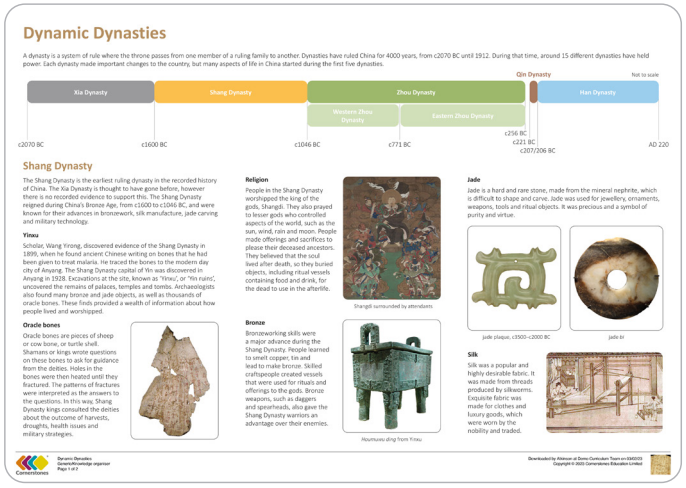
example section of the curriculum framework

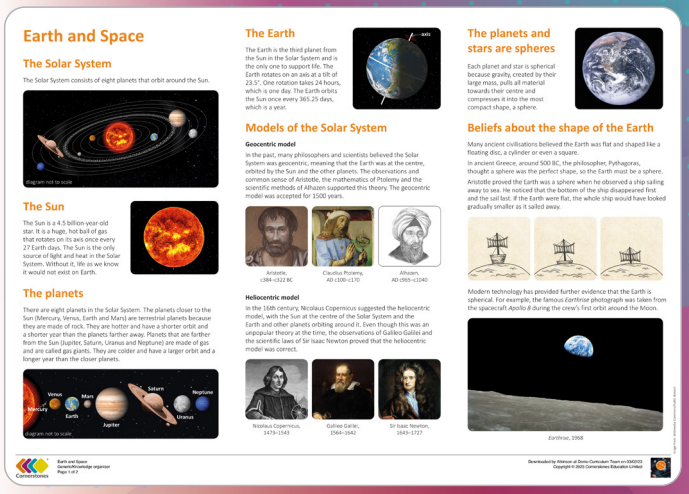
Support for subject leaders

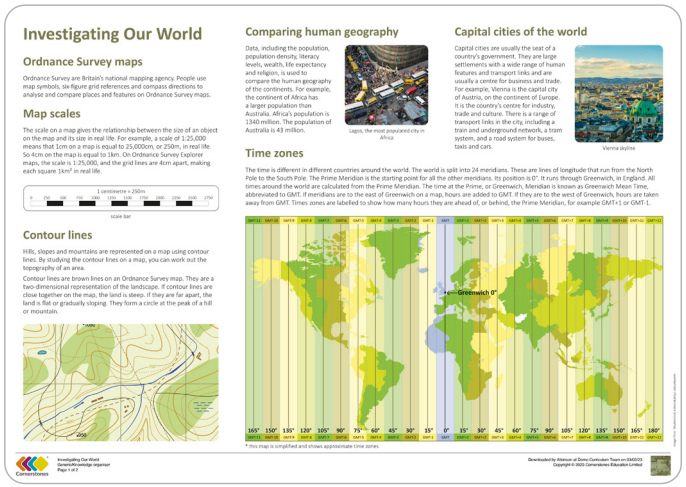
The curriculum content and clever functionality of Maestro provide outstanding support for curriculum leaders, along with ongoing support from our curriculum advisers. Subject-specific frameworks, subject-driven projects and teaching resources such as knowledge organisers boost expertise and empower subject leaders to know more about the content and disciplinary characteristics of their subject.

Tools for deep dives

Maestro's innovative functionality also enables subject leaders to monitor and track their subject across your whole school and share the progression and sequencing of their subject. This is especially useful for deep dives during your school inspection and provides subject leaders with all the tools they need to lead their subject well.







images show knowledge organisers for Year 5

Support for teachers

Curriculum Maestro ensures your teachers can focus on what matters most: providing the best quality of education for your children.

Planning

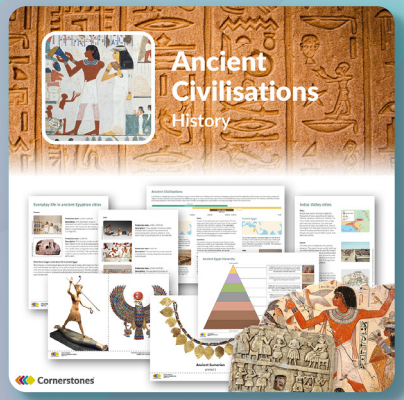
Teachers can store and share their planning and timetable online, making lesson sequencing and management efficient and effective. The lesson plans provided can be annotated and adapted to suit each class' needs.

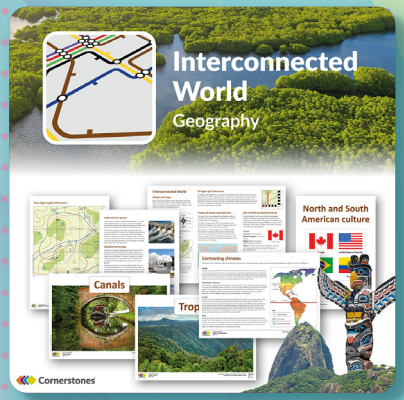
Professional judgement

Teachers' creativity, knowledge and professional judgement are maintained and valued, with teachers able to make the important decisions about what to teach and how using Maestro's clever planning tools. Teachers can even build their own curriculum projects to add a more localised dimension to your curriculum.

Teaching resources

Research-informed teaching resources provide everything teachers need to present important information and knowledge of the curriculum and are specifically matched to individual lessons. These best-quality resources support teachers to confidently teach the concepts, knowledge and skills of the curriculum.





images show curriculum for Year 4

Images from: Wikimedia Commons/Public domain, York Archaeological trust, Shutterstock Editorial/MAVRITSINA IRINA

Curriculum questionnaire

Cornerstones®

Part 1: Your curriculum

		yes	no
1.	Does your curriculum require better sequencing in single subjects or across multiple subjects?	☐	☐
2.	Does your curriculum require improved consistency across school?	☐	☐
3.	Does your curriculum require more work to ensure progression in all subjects?	☐	☐

Part 2: Subject leaders

		yes	no
1.	Do your subject leaders need an efficient way to store, monitor and evaluate their subjects across the curriculum?	☐	☐
2.	Would your subject leaders benefit from a more effective way to view and manage their subjects?	☐	☐
3.	Would your subject leaders like to be better prepared for inspection?	☐	☐

Part 3: Teachers

		yes	no
1.	Would your teachers like to spend less time creating and producing curriculum plans and resources?	☐	☐
2.	Would your teachers benefit from having a range of adaptable lesson plans?	☐	☐
3.	Would your teachers appreciate more guidance and support for sequencing the knowledge and skills of the curriculum?	☐	☐

Curriculum questionnaire

Part 4: Assessment

		yes	no
1.	Would your teachers benefit from an integrated planning and assessment system?	☐	☐
2.	Would your teachers like to see previous coverage and attainment directly linked to what they are planning and teaching?	☐	☐
3.	Would live coverage and attainment information save your subject leaders time?	☐	☐

Part 5: Leadership and management

		yes	no
1.	Would your senior leadership team benefit from managing your curriculum from one central location?	☐	☐
2.	Would you feel more confident in the structure and robustness of your curriculum if it were based on a framework written by subject experts?	☐	☐
3.	Would you feel more confident showing how your curriculum is connected using a platform like Maestro rather than disparate paper-based files?	☐	☐

Part 6: Resources

		yes	no
1.	Do your teachers waste valuable time creating and printing teaching resources?	☐	☐
2.	Would it be helpful for your teachers to have knowledge organisers for science, history, geography, art and design and design and technology projects?	☐	☐
3.	Would your children benefit from expertly written, high-quality resources?	☐	☐

If you answer yes to any of these questions, Maestro can help you.

To book a demo, visit **www.cornerstoneseducation.co.uk**

Curriculum maestro™

What schools say about Curriculum Maestro

★★★★★

'Discovering Curriculum Maestro answered my prayers and provided me with a foundation that I could use to work with the other schools in the Trust to create something that was relevant to their context and which fitted in with the overall aims of the Trust.'

Ian Thomas
CEO
TEAM Multi-Academy Trust

★★★★★

'Curriculum Maestro is a real time saver, particularly for leadership teams and subject leaders. There is a wealth of information and resources which can be used and adapted by creative, skilled teachers. The way the curriculum is mapped is excellent and was commented on in a very recent Ofsted inspection.'

Charlotte Gibbins
Headteacher
Thurlstone Primary School, England

★★★★★

'Curriculum Maestro allows us confidence in curriculum coverage across the whole school. We have had a massive increase in pupil engagement.'

David Perkins
Principal
Littletown Primary Academy, England

★★★★★

'Curriculum Maestro has helped us to streamline planning, and the use of the ready-prepared lessons has saved staff time. We simply make adaptations that reflect our locality and the children in each cohort. It has also saved staff time in thinking of the teaching sequence and finding the resources to plan it. The ability to plan supplementary lessons with lesson builder where staff chooses to means our own curriculum design is being supported, not dictated.'

Moira Cross
Executive Head
Dordon Primary School, England

★★★★★

'A key area of development is our work on long term memory and retrieval practice. The knowledge-rich projects are really helping us with that, with the sequencing and revisiting strategies and practices, including the knowledge organisers, the questioning and the low stakes quizzing.'

Carrie Kiselis
Deputy Headteacher
Canon Sharples C of E Primary School and Nursery

★★★★★

'I can walk into a classroom, see what they are doing and then go back and, at the click of a button, see that they are where they should be. It also means I can go in and ask the children the right questions.'

Revd Daniel Norris
Headteacher
Saint Jerome Church of England Bilingual School

Cornerstones

To find out more and to book your free online demonstration visit

www.cornerstoneseducation.co.uk

or call us on

03333 20 8000

Curriculum maestro

Working with schools since 2010

bett AWARDS 2020 FINALIST

bett AWARDS 2022 FINALIST 2022

White Rose Maths

Barefoot Computing at School

bsi. ISO/IEC 27001 Information Security Management IS 676822

enquiries@cornerstoneseducation.co.uk

6 Fields End Business Park,
South Yorkshire, S63 0JF