Plan sustainable success

How are you planning for Next Generation Learning?

Planning sustainable success enables schools to:

- work towards whole-school sustainability
- identify effective technology for their own contexts
- create better learner outcomes through technology infrastructure that's safe, cost-effective, innovative, reliable, coherent, fit for purpose and fit for planet
- build an effective information management strategy that supports learners, staff, parents and the wider community
- incorporate established educational standards and specifications in technology for learning
- ensure that new buildings and existing learning spaces are fit for purpose.

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next generation
learning

Build better learner outcomes through sustainable technology

Work towards a sustainable school

To help schools save time, effort and money in the drive towards better outcomes for learners, the Government would like every school to be a sustainable school by 2020. Your school should move towards an integrated, whole-school vision in which sustainable development over all activities – from energy and water, to purchasing and waste, to global citizenship – is everyone's responsibility.

Within this wider framework, you need to shape a vision for sustainability in your own context, including the planning of technology for better learning outcomes.

Balance the economic, social and environmental aspects of technology

Planning sustainable success through technology includes every aspect of school life. Consider the following: the impact of technology on teaching and learning; values and ways of working and the involvement of all stakeholders in economic, social and environmental considerations about people, tools and resources.

Think first about how to enable better learner outcomes through technology, and then think about technology infrastructure that's safe, affordable, innovative, reliable, coherent, fit for purpose and fit for planet.

Build the technology infrastructure for successful learning outcomes

When you are building or developing your technology infrastructure, put sustainability at the heart of your system:

- Ensure reliable, cost-effective information management.
- Use established educational standards and specifications.
- Develop appropriate learning spaces.
- Consider the social and environmental impact.

Plan sustainable success:
www.becta.org.uk/plansustainablesuccess

Becta's role in helping schools plan sustainable success

Leadership

As the UK authority for best-value purchasing of high quality ICT solutions, resources and services in technology for learning, Becta wants you to choose the appropriate products and services from a range of suppliers.

Support

We have developed a range of EU-compliant procurement frameworks – from infrastructure to support services – to guide and support you when purchasing technology.

Technology can enhance the quality of learning and teaching in schools, but will only do so when underpinned by a sustainable infrastructure. We promote sustainable technology in sustainable schools.

Advice

We urge school leaders to build an effective information management strategy to improve the quality and security of data.

Guidance

Developing a sustainable technology infrastructure depends on high quality technical design, support and service provision. Our Framework for ICT Technical Support (FITS), based on internationally recognised standards, helps you achieve this reliability.

Make technology meet your needs

When you develop your school's comprehensive vision for technology, think about how your new technology could:

- contribute to personalising learning
- enable students to have access from home
- involve parents and the wider community
- be used to share appropriate information about learners and their learning securely
- reduce your school's environmental impact.

Work with standards and specifications

It's important that you, support providers and suppliers use established standards and specifications that set out what you should expect your technology to achieve.

Save time, effort and money by working closely with your local authority and other partners to plan and define the technology you need to deliver the required learning outcomes.

Plan sustainable success:
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Build an effective information management strategy

A good information management strategy will help you deliver aims around learning and teaching, management and administration. An effective information management strategy will help you improve the security and quality of your data and better support learners, staff and parents. For the best results, use Becta's information management strategy framework and data handling security guidance.

Information management:
www.becta.org.uk/schools/informationmanagement

Data handling security guidance for schools:
www.becta.org.uk/schools/datasecurity

Plan the learning environment

Focusing your technology strategy on enhancing learning through an appropriate environment will enable you to use innovative design and technology to best effect.

If you are planning for new school buildings or major refurbishments, you need to plan your technology implementation from the outset as an integral part of building design, without waiting for the building to be designed first.

Capital building:

www.becta.org.uk/schools/capitalbuilding

Assure technical reliability through FITS

All education providers need their technological solutions to be reliable if they are to help deliver improved learner outcomes.

Becta's Framework for ICT Technical Support (FITS) supports change management. FITS enables your internal and external technical support providers to implement best practice and measure the effectiveness of their support.

Schools that have implemented FITS have enjoyed:

- improved service reliability and technical support
- improved user confidence in the provision of services and support
- a change from reactive to proactive technical support
- more effective use of technical support resources
- improved communication and collaboration between technical support providers, users and suppliers.

Framework for ICT Technical Support:

www.becta.org.uk/schools/fits

Plan sustainable success
 – top tips

Give due consideration to your requirement to become a sustainable school – balancing the social and environmental aspects of technology, as well as the economic aspects.

Compare the functionality of your current management information system with Becta's functional requirements for information management.

Use our functional specification for institutional infrastructure to help decide what you want your technology to achieve.

Use Becta's self-review framework to help evaluate your current position.

Review your current needs and anticipate your future needs for information management by using Becta's information management strategy framework.

Find out what your school should be doing to protect personal information and minimise the risk of data being misused.

Contact your local authority to find out about any personal online learning space it offers your learners, and any aggregated learning platform procurement which the local authority or regional broadband consortium (RBC) has implemented.

Ensure that your ICT maintenance and support meets the best practice set out in Becta's Framework for ICT Technical Support (FITS).

Engage with your local authority if you are part of a capital building programme, to ensure that your requirements are fully considered.

Work with your local authority to ensure that designers and construction contractors base their proposals for new and refurbished buildings on the school's vision for delivering learner outcomes.

Plan sustainable success:

www.becta.org.uk/plansustainablesuccess

NEXT
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LEARNING

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$2a + b = 21$ $a + b = 15$ $5p + q = 100$ $2p - q = -30$ $2(x + 3) = 10$
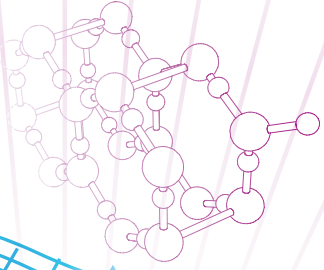
Guten tag Buenos dias Buon giorno Bonjour

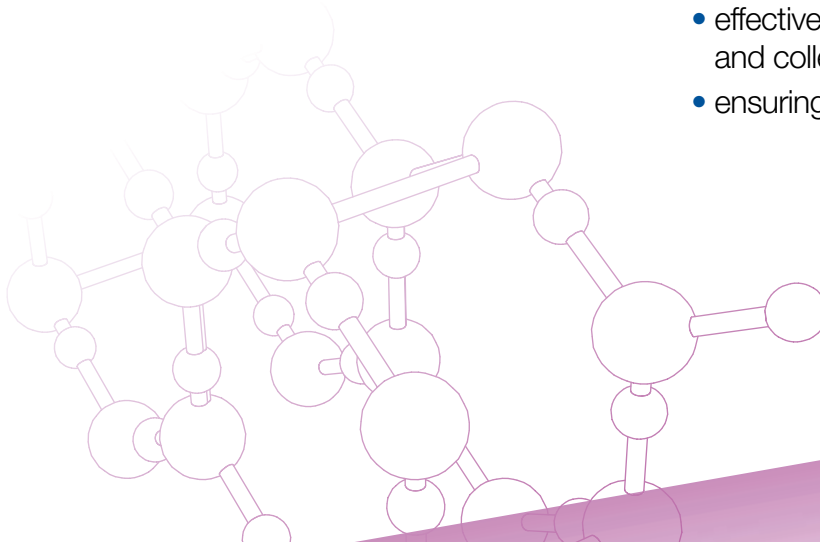Roald Dahl A.A. Milne J.K. Rowling Beatrix Potter Enid Blyton Jacqueline Wilson Philip Pullman Dav pilkey

What is Next Generation Learning?

We know that technology offers enormous opportunities for education. In fact, research shows that learners with access to technology for learning have a far greater chance of achieving their potential.

The Next Generation Learning campaign is aimed at parents or carers, employers and learners. It is intended to raise their awareness of the benefits of the use of technology in education and to drive greater demand for it.

The campaign currently focuses on:

- greater engagement by parents or carers – with schools and at home
- effective use of technology in schools and colleges
- ensuring children are safe online.

Becta is also talking to schools to ensure that they are aware of how to use technology to its full potential to meet these demands.

See what we are saying to parents
www.nextgenerationlearning.org.uk

Find out how you can become
Next Generation Learning ready
www.becta.org.uk/nextgenerationlearning

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Be prepared for more demand for Next Generation Learning

Becta leading next generation learning

Improve your school
Develop and follow a strategy that uses technology to achieve better outcomes for learners
www.becta.org.uk/improveyourschool

Plan sustainable success
Balance the economic, social and environmental aspects of technology for learning
www.becta.org.uk/plansustainablesuccess

Achieve best value
Secure quality, fit-for-purpose technology, with the right support, at the right price
www.becta.org.uk/achievebestvalue

Safeguard learners online
Protect, educate and empower everyone to keep safe and secure online
www.becta.org.uk/safeguardlearnersonline

Inspire parental engagement
Enable parents to access and use technology for a positive impact on their children's learning
www.becta.org.uk/inspireparentalengagement

Make learning personal
Support learners to make effective, discriminating use of technology that meets their needs
www.becta.org.uk/makelearningpersonal

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