WHAT IS LEARNING?

now education can be what it should be.

For decades, the fundamentals of education were summed up with reading, writing and arithmetic. **NO MORE.**

Today, studies show that skills like

CREATIVITY, PROBLEM-SOLVING, COMMUNICATION and ANALYTICAL THINKING

ARE ABSOLUTELY NECESSARY.

Since 1993, Lenovo has helped schools in all 50 states and 23 countries foster 21st Century skills in their students— and we aren't doing this alone. We've partnered with Intel, Microsoft, Adobe, SAS and VitalSource Technologies—because these leading organizations share our educational goals.

Working together, we can enhance the way teachers deliver curricula and how students create and respond to content with the power of digital technology.

the new fundamentals.

We must ensure that our students have the following basic skills:

:GLOBAL LITERACY:
KNOWLEDGE OF OTHER CULTURES, LANGUAGES AND WAYS OF LIVING LIFE IS CRUCIAL IN THE WORLD TODAY.

:INNOVATIVE THINKING:
WE LIVE IN A CREATIVE ECONOMY WHERE THE ONE FUNCTION THAT CANNOT BE COMPUTERIZED OR OUTSOURCED IS THE INGENUITY OF THE HUMAN MIND.

:INFORMATION INTELLIGENCE:
STUDENTS MUST BE SMART ABOUT UTILIZING DATA FROM ALL THE NEW FORMS OF MEDIA THAT CONTINUE TO APPEAR.

:PEOPLE SKILLS:
TEAMWORK, COMMUNICATION AND COLLABORATION ARE VITAL IN A WORLD THAT'S GETTING SMALLER, MORE POPULATED AND MORE DIVERSE.

after all,
our kids deserve it.

Our approach applies the six key cognitive processes of the new Bloom's within the context of 21st Century skills.

These processes are

1 CREATING
2 EVALUATING
3 ANALYZING
4 APPLYING
5 UNDERSTANDING
6 REMEMBERING

These cognitive processes pointed us toward a new system of education, one that's infused with technology at every turn. So we use them as the basis for designing effective 1:1 solutions

Although 1:1 computing is ideal, it's just one of the Lenovo solutions for schools.

Our Intel-based solutions range from outfitting your labs and libraries to giving your teachers the training they need to train their students.

Add in ground-breaking partnerships to form invaluable school resources and services to protect your investment and we're sure

YOU'LL AGREE:

Lenovo is for learning.

grade   level   learn

ANS.01: LEARNING IS WHEN YOU'RE NOT AFRAID TO RAISE YOUR HAND.

ANS.02: LEARNING IS WHEN YOU CAN REMEMBER STUFF EVEN AFTER YOU TAKE THE TEST.

learning
is for schools

**LARGE AND SMALL, PUBLIC AND PRIVATE. LEARNING ADAPTS
TO YOUR ENVIRONMENT AND HELPS YOU GROW WITHIN IT.**

Lenovo offers complete, personalized 1:1 computing
solutions, as well as customized ways to utilize
technology more fully at your school.

SOLUTIONS

▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶

Lenovo 1:1 Computing:
EXCELLENCE FOR EVERY STUDENT.

Equipping each student and teacher with a computer allows kids to learn in dynamic environments and develop higher order thinking skills that last a lifetime. This is already happening at schools across the United States.

AND IT CAN HAPPEN AT YOURS.

The six elements of 1:1 Computing

Each school, like each child, is unique. Recognizing this, Lenovo has constructed a modular framework of the six key elements to create successful 1:1 solutions.

:INFRASTRUCTURE EXCELLENCE:

We assess your current infrastructure and site readiness, and then we work with you to achieve 100% connectivity throughout your school.

:EFFECTIVE COMMUNICATIONS:

The support of parents, students, administrators and the public is vital. We can help you effectively communicate the value of 1:1 computing.

:FINANCIAL FLEXIBILITY:

We provide a wide range of financing options that can help with the purchase of technology for individual schools or entire districts.

:DEVICE AND APPLICATION STACK:

We help your team navigate the growing number of choices for mobile devices, applications and connectivity to ensure that learning is maximized and downtime is minimized.

:TEACHING AND LEARNING INTEGRATION:

We help you integrate digital technology into your curriculum, nurturing higher-order thinking skills, engaging students and empowering faculty.

:COMPLETE SUPPORT:

With the goal of reducing downtime to zero, we work with your IT team to create a comprehensive, end-to-end support system optimized for a mobile computing environment.

LENOVO THINKTANK IS A GLOBAL CONFERENCE THAT BRINGS TOGETHER THE BRIGHTEST MINDS AND IDEAS IN EDUCATION.

Start with the places that need it most:
LABS & LIBRARIES.

Do you want to integrate technology into your school but have budget or infrastructure limitations? A Labs & Libraries approach, which outfits either or both of these facilities in your school, is a great first step towards 1:1 computing.

This solution is completely customizable and can include either a static setup with desktops, or a mobile setup with notebook carts. Both solutions give you a computing environment that's stable, secure, scalable and affordable.

CENTRALIZED MANAGEMENT. INDIVIDUALIZED LEARNING.
WYSE.

With thin computing, transferring processing power to a main server gives you the capabilities you need at a fraction of the cost.

Lenovo has partnered with WYSE to make thin computing a reality for your school by offering smart, low maintenance solutions to engage and motivate your students.

MAKING THE VIRTUAL A REALITY:
CITRIX.

Citrix® Presentation Server™, which runs on thin clients like WYSE, allows applications to be run virtually, giving you affordable access to content creation.

Making your facilities more intelligent:
SMART CLASSROOMS.

Intelligence isn't limited to students.
It also encompasses your classrooms. Even your equipment. A Smart Classroom solution focuses on enriching these aspects of your school. Teachers and students will be able to express their ideas and present their creations in these collaborative 21st century learning environments.

TRANSFORMING THE LEARNING EXPERIENCE:
▶ DYKNOW.

DyKnow Vision® software fosters interaction through collaborative note taking, student response tools, content replay, and anywhere, anytime access.

DyKnow Monitor® software reduces electronic distraction by displaying thumbnails of student screens, blocking applications, blanking screens, and monitoring wireless environments.

PUTTING YOUR TECHNOLOGY ON DISPLAY:
▶ ERGOTRON.

Display mount technology provides safety for your expensive assets and ergonomics for your labs, all in an elegant design.

Offerings include tilting wall mounts, mobile work spaces and large display carts that help you get the most out of your technology.

FOR CLASSES WORTHY OF APPLAUSE:
▶ ACCORDENT.

Accordant offers an easy, automated way for teachers to broadcast lectures and in-class activities, and replay them after class has taken place.

Accordent Rich Media Communications and Accordent Capture Station includes content creation products for capturing and creating high-value presentations and TV-like online broadcasts.

Training those who train others:

THE TEACHER'S DEVELOPMENT PROGRAM.

The most important components of the 21st century classroom are the teachers who lead the way. The Teacher's Development Program equips and trains teachers on the effective use of ThinkPads in and out of the classroom. This affordable solution allows your school to take a strong first step toward

1:1 computing.

WHERE TEACHERS LEARN:
FUTUREKIDS.

Together, Lenovo and Futurekids give teachers the computer skills they need by training them in the basics of computer literacy, integrating technology into the curriculum and managing a digital classroom.

▶ Through Futurekids, teachers can also build communities to share information and become mentors to others in their districts.

▶ Futurekids offers a wide variety of courses that cover everything from operating systems to multimedia. All classes begin with a private, online assessment and can be delivered on a variety of platforms, including in-person, online or via video conferencing.

IDEAS ARE GOOD.
AND GOOD IDEAS ARE WORTH PROTECTING.

lenovo™

ANS.03: LEARNING IS WHEN WHAT THE TEACHER SAYS MAKES SENSE IN YOUR HEAD.

learning
is a mental process,
BUT THE TOOLS THAT FOSTER IT ARE TANGIBLE.
THEY HELP ENLIGHTEN GROWING MINDS.

Because of the importance of your mission, your instruments must have outstanding capabilities. So we have armed them with ThinkVantage Technologies and critical software to do just that.

▶ *PRODUCTS*

Durable, reliable, built for learning:
INSPIRING EDUCATION WITH TECHNOLOGY.

At the core of Lenovo solutions for education are award-winning LenovoThinkPad notebooks and ThinkCentre desktops powered by Intel technology.

Our education-specific models come preloaded with technology that helps make 21st century learning a reality: VitalSource Bookshelf, Adobe Photoshop Elements, Adobe Premiere Elements, Adobe Contribute and Lenovo ThinkVantage Technologies.

Everyday innovation for your computers:
THINKVANTAGE TECHNOLOGIES.

DURABILITY

Bumps and drops don't stand a chance against the ThinkPad® Roll Cage, a magnesium alloy frame that surrounds critical interior parts.

In addition, hard-drive shock absorbers use rubber rails and metal plates to give you even more impact protection.

RESCUE & RECOVERY

ThinkVantage Rescue and Recovery is a one button data recovery and restoration solution that helps students and teachers diagnose, get help and recover from a virus or other system crash quickly.

Rescue and recovery also allows IT staff to remotely deliver fixes and updates, and reboot and reimage machines on a set schedule to keep them in tip-top shape.

SECURITY

With our integrated fingerprint reader, just a simple finger swipe lets authorized users access a system and the sensitive data stored within, while shutting out unauthorized users.

Data encryption also protects confidential information, bolstering security and reducing the risk of data theft. And with the built-in security of Intel® vPro™ technology, you can rest easy that your systems are safe.

FIG.05 X61 SERIES TABLET

THINKPAD X SERIES TABLETS:

The ultimate learning platform.

For education with endless possibilities, ThinkPad X Series Tablets—with Intel® Centrino® and vPro™ technology—are ideal. At just under 3 pounds, they're versatile, tactile and personal—just like tablets should be. And students can easily connect to your school's wireless network—allowing work to be done just about anywhere.

The X Series Tablet with Microsoft One Note also recognizes and converts handwriting for superior ease-of-use and lets teachers and students share drawings, diagrams, documents and ideas in real-time.

THINKPAD R SERIES NOTEBOOKS:

For learning that goes everywhere students do.

Whether it's at school, at home, on a field trip, or on the bus, students need a computer that can safely travel with them. The ThinkPad R Series offers great performance, brilliant displays, features that safeguard valuable data—like Intel® Centrino® with vPro™ technology, and outstanding durability.

Select models also give you close to eight hours of battery life. So you can get more done throughout the school day without having to stop and recharge. Plus, educational models are preloaded with VitalSource Library from VitalSource Technologies.

FIG.04 R61 SERIES

SO DURABLE AND RELIABLE, THINKPAD
NOTEBOOKS ARE THE ONLY ONES CERTIFIED
BY NASA FOR SPACE FLIGHT.

THINKCENTRE M SERIES DESKTOPS:

Even computers can be green.

For schools with limited space and resources, ThinkCentre M Series Desktops are the way to go. These desktops are ultra-small, so you can move them easily and keep spaces clear. But with platform stability, superior manageability and Intel® Core 2™ Duo Processors, they're certainly not small on performance.

These environmentally—friendly learning tools distribute much less energy—and that adds up in the long term. In fact, EPEAT gives them a gold star. And because they're oh-so-quiet, students can concentrate on their work, not sounds the system is making.

FIG. 04 A SERIES

EPEAT
GOLD
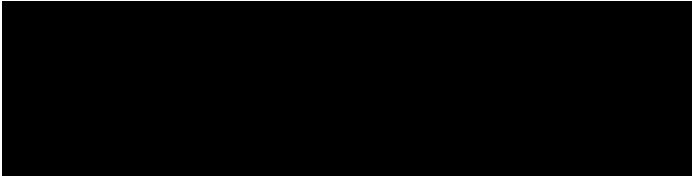
TOOLS TO INSPIRE INFINITE IDEAS.

lenovo™

ANS.04: LEARNING IS WHEN YOU CAN DO SOMETHING WITHOUT STRUGGLING.

# learning
is meant to be shared.

WHEN IDEAS ARE EXCHANGED AND THOUGHTS ARE TRADED, REVELATIONS CAN OCCUR.

We chose our partners not just for their size and scope, but for the similarity of our ideas. We share a belief in having an educational system that leads all others.

PARTNERSHIPS

Lenovo and Intel.
INSPIRING EDUCATION WITH TECHNOLOGY.

Like Lenovo, Intel® believes that students will be fully prepared to compete tomorrow when they have the technology they need today. To reach this goal, Intel developed a program that helps K–12 teachers integrate technology into their classrooms.
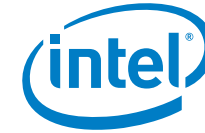
INTEL CENTRINO WITH VPRO TECHNOLOGY:
BRILLIANCE AT THE CORE.

Lenovo notebooks and tablets feature Intel® Centrino® with vPro™ technology that has security and manageability features built right on the chip. Students will enjoy advanced connectivity and improved graphics, while being protected against viruses and attacks with programmable defense filters.

LEARN WITH INTEL TEACH.

It's been nearly a decade since the Intel® Teach Program began helping K–12 teachers incorporate the use of computers into their existing curriculum. Since then, the program has facilitated 21st century learning by offering free online tools and resources to more than four million teachers in over 40 countries.

**Protect.
Manage.**

Lenovo and Microsoft.
GIVING STUDENTS THE TOOLS TO EXCEL.

Lenovo and Microsoft work together to improve methods of teaching and learning. In fact, Lenovo Education Models run on Windows Vista. If you choose, they can come equipped with industry-standard software like Microsoft Office and Microsoft OneNote.

Microsoft®

WINDOWS VISTA:
A NEW OPERATING SYSTEM FOR FRESH THINKING.

Microsoft's new operating system, Windows Vista, combines an intuitive and user-friendly interface with enhanced security and management tools. Its new, school-friendly features include Aero, a graphical interface that lets users see the contents of each desktop folder. Plus, it now has speech recognition, and faster, more efficient searching.

MICROSOFT OFFICE:
YOUR ESSENTIAL SUITE.

Microsoft Office, including Access, Excel, Word and Outlook, is the vital software students need to create great-looking documents, spreadsheets and presentations quickly and easily. Plus, with new features of Office 2007, you can be sure they're using these applications to their fullest.

ONENOTE:
NOTE-TAKING HAS NEVER BEEN EASIER.

Isn't too much of your study time spent just gathering materials? With OneNote, your students can capture and store all of their notes and research—including graphic, video and audio content—in one easy-to-find place.

Adobe

ADOBE PHOTOSHOP ELEMENTS & ADOBE PREMIERE ELEMENTS:
WHEN PICTURES SPEAK, STUDENTS LISTEN.

Make it easy for students to include digital imaging and video editing in their projects. From digital storytelling to full-color book reports, students can transfer footage, manipulate pictures and create their own masterpieces.

ADOBE CONTRIBUTE CS3:
YESTERDAY'S NEWS IS JUST THAT.

Now it's easy for administrators, teachers and students to keep Website content fresh and blog entries current. How? Adobe Contribute allows them to post and publish content quickly to multiple Websites or blogs from a single application.

ADOBE ACROBAT 8 PROFESSIONAL:
FOR DOCUMENT-SHARING THAT'S NIMBLE AND QUICK.

Acrobat 8 Professional enables educators and students to reliably create, combine and share Adobe PDF documents. Teachers can create and distribute curricula, media-rich lesson plans, project materials, and homework assignments. And students can share work that's rich with all kinds of media, content and graphics.

Lenovo and Adobe:
THE BEST OF BOTH WORLDS.

Lenovo is the only PC company whose products come preloaded with industry-standard Adobe software. Why? Because both companies know that original content creation and higher order thinking can be achieved when the best platforms and multimedia solutions are combined.

Lenovo and SAS:
A SHARED EDUCATIONAL VISION.

Lenovo and SAS have joined hands to give each student and teacher the benefit of Curriculum Pathways®.

Curriculum Pathways is an online resource filled with interactive materials for core disciplines. Your classes will benefit from subject matter that targets higher-order thinking skills and is differentiated for varied learning styles.

THERE ARE FOUR AREAS OF CURRICULUM PATHWAYS IN EACH OF THE FIVE CORE DISCIPLINES: *English, Social Studies, Science, Mathematics and Spanish*:

▶ INTERACTIVITIES are multimedia resources that help students develop higher-order thinking skills by exploring, applying and analyzing content.

▶ WEB INQUIRIES are guided online research projects organized around a focus question that helps students build their reading, research and critical thinking skills.

▶ WEB RESOURCES contains more than 5,000 teacher-evaluated Web sites, categorized by topic.

▶ LESSONS include over 600 learning activities that cover a broad range of concepts and skills.

Lenovo and VitalSource Technologies:
RESOURCES FOR THE LIFELONG LEARNER.

VitalSource™ is a rich digital collection of basic references, classic works, historical and cultural documents as well as links to other important resources.

VitalSource™ is a rich digital collection of basic references, classic works, historical and cultural documents as well as links to other important resources.

VitalSource is the ideal foundation for learners in a digital environment. With this tremendous resource right on their computers, students can be sure that the materials they need are at their fingertips—always available in a portable library open 24/7.

VitalSource also provides tools to easily navigate this library. Students can customize views, search for topics, highlight text and share notes to create a social network around class content. And popular textbooks and teacher editions can be downloaded straight to PCs with ease through the VitalSource online store.

Lenovo and Absolute® Software:
BUILDING CLASSROOMS OF THE FUTURE—TODAY.

Lenovo and Absolute Software have joined forces to helps schools and colleges securely track computers, minimize the impact of notebook theft, and comply with state and federal privacy regulations.
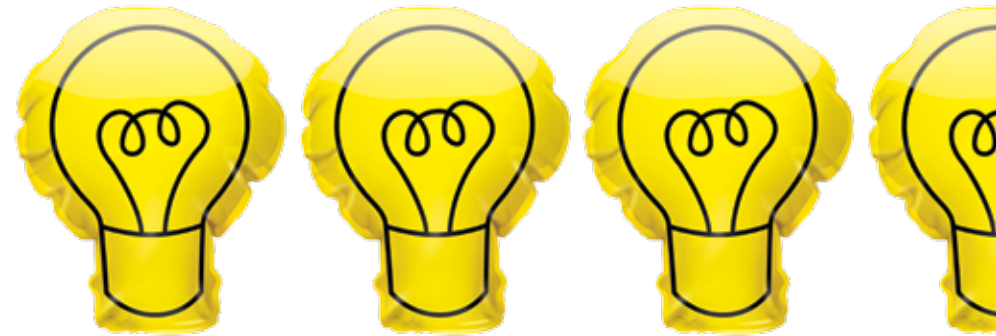
Even facilities with small budgets or stringent computer lease requirements can trust Lenovo ThinkPad's and Absolute Software's Computrace® solutions to keep their computing assets safe and secure. Our ThinkPad's are designed with Computrace in the BIOS‡ firmware, so educational facilities can deter theft, recover stolen assets and keep computers in the hands of students.

HOW COMPUTRACE HELPS IT DEPARTMENTS

Tracks and recovers stolen or missing computers—Guaranteed! Includes a recovery guarantee up to $1,000 if a computer cannot be recovered within 60 days of theft†

Gives 100% visibility into current assets, providing creditability for future technology requests

Generates asset reports for upgrades, roll-outs and computer retirement

Provides ability to view daily reports on unauthorized software use

Remotely deletes data to protect student and teacher private information*

TAKE STUDENT IDEAS TO ALL THREE DIMENSIONS.
MAYBE FOUR.

lenovo™

ANS.05: LEARNING IS WHEN YOU CAN TELL EVERYONE ABOUT SOMETHING WITHOUT MEMORIZING IT.

learning
is knowing how to

PROTECT AND SECURE THE RESOURCES YOU HAVE.
LEARNING IS ASSISTING THOSE WHO HELP OTHERS LEARN.

LEARNING IS FOR THE GOOD OF ALL.

At Lenovo, we know our job is not complete when technology changes hands. It is our mission to provide you and your students with needed support at all times.

▶ *SERVICES*

Optimize your image:

LENOVO IMAGING SERVICES.

Image management is highly important in today's decentralized school systems. Our approach is to implement a custom software image on your ThinkPad notebooks and ThinkCentre desktops.

The Lenovo Imaging Technology Center efficiently transfers your software images, migrates to new hardware platforms, and ensures smooth and seamless rollouts.

ImageUltra reduces your school system's hundreds (or thousands) of PC images to a single "super image," giving you unprecedented ease of deployment and dramatically reduced costs.

LENOVO IS A BOARD MEMBER OF THE PARTNERSHIP FOR 21ST CENTURY SKILLS, WHICH HELPS SET POLICY FOR OUR EDUCATIONAL FUTURE.

For the assets you appreciate:

INVESTMENT PROTECTION SERVICES.

▶ *THINKPAD PROTECTION: DURABLE ENOUGH FOR A KID.*

If accidental damages like spills, drops or falls happen during normal-school day use, your notebooks will be repaired at no cost.*

▶ *CCOMPUTRACE® BY ABSOLUTE® SOFTWARE*

Computrace is a comprehensive solution for Education that combines computer theft recovery, data protection, and secure asset tracking. Computrace allows IT administrators to centrally manage assets by monitoring computer movement, call history, leasing information and software license compliance.

For added peace of mind, it also offers a recovery guarantee of up to $1000 if a stolen computer cannot be located within 30-60 days.

▶ *UTIMACO SAFEWARE: ROBUST SECURITY YOU'LL NEVER SEE.*

Work uninterrupted as Safeware encrypts and decrypts your hard drive's data, rendering it undecipherable to unauthorized users.

▶ *THINKVANTAGE SECURE DATA DISPOSAL: PREVENT DATA DUMPSTER DIVING.*

When your PCs are retired, our tool for secure data disposal will destroy your confidential information permanently.

OUR IDEAS PROTECT KIDS' IDEAS.

lenovo™

grade   level   learn
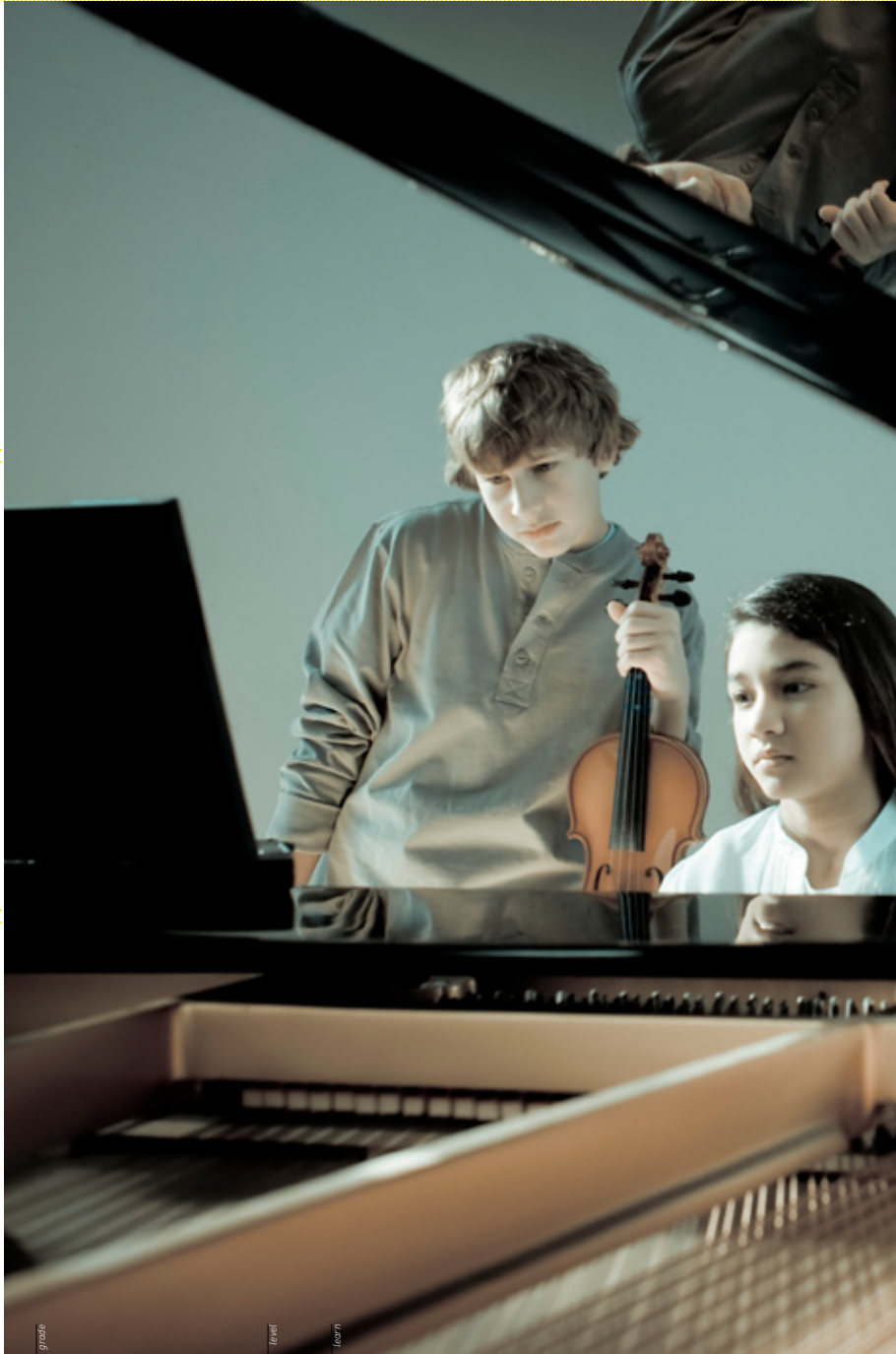
ANS.06: LEARNING IS WHEN YOU CAN MAKE SCIENCE HAPPEN IN YOUR KITCHEN.

learning
is not limited to
**A CERTAIN CLASS OR SEGMENT OF SOCIETY.
LEARNING IS FOR EVERYONE, EVERYWHERE.**

Technology should never be out of reach. With this belief, we've developed financing and lease refresh options to help you bring technology to your school.

▶ FUNDING

Technology really can be affordable.

1:1 computing isn't beyond your means. With Lenovo financing and lease-refresh options, you can lease equipment and upgrade using monthly, quarterly, semesterly or annual payments. This will keep your technology current, and ensure that you only pay for the equipment you use.

LEARN NOW. PAY LATER.

At the end of your lease, IBM Global Finance will sell your old machines for a big cost savings after doing a DOD level 5 data destruction, and then send you brand new equipment in return.

Getting technology funded:
IT CAN BE DONE.

DETERMINE the total cost of ownership
when considering a 1:1 program to include purchasing computers, maintenance and security.

SET ASIDE a percentage of operational budgets
to fund 1:1 initiatives.

MAXIMIZE resources in your existing budget
to create cost efficiencies. Consider consolidated procurement practices.

SEE if your textbook and technology funds overlap
now that some textbook companies offer software and online curriculum.

EDUCATE parents and community members
about 1:1 computing so they'll support community bonds and initiatives.

RESEARCH or create special funds and foundations
to help fund your program.

CONSIDER instating small student fees,
particularly to aid with lease programs or for outright purchase.

EXPLORE grant opportunities,
E-Rate funding and zero or low-interest loans. Spend part of the loan amount on technology and invest the remainder to gain financial return.

LENOVO IS A FOUNDING MEMBER OF 21ST CENTURY CONNECTIONS, WHICH LINKS STUDENTS, TEACHERS AND ADMINISTRATORS TO THE LATEST TEACHING AND LEARNING TOOLS.

1:1 computing

isn't on its way, ▶
it's here. ▶

**MAKE IT HAPPEN FOR YOUR SCHOOL
BY CONTACTING YOUR
LENOVO REPRESENTATIVE.**

lenovoisforlearning.com

lenovo™

LENOVO IS FOR LEARNING.

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