

Effective Learning Environments





OECD NEWS ON EFFECTIVE LEARNING ENVIRONMENTS NOVEMBER 2018



This e-newsletter aims to keep you informed about the activities, publications, research and events linked to Effective Learning Environments and the GNEELE. Further information can be found on our [website](#).



OECD School User Survey

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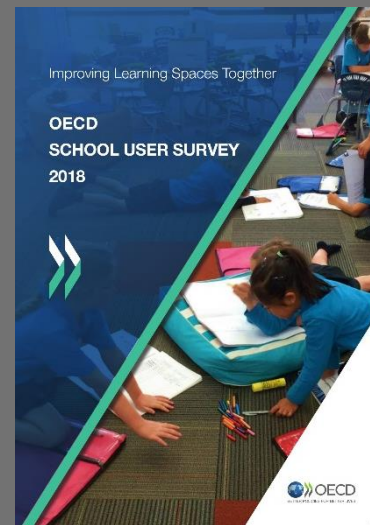
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EFFECTIVE LEARNING ENVIRONMENTS

PUBLICATION: The “OECD School User Survey: Improving Learning Spaces Together” was launched on 15 June 2018 in Paris by Andreas Schleicher, Director of Education and Skills, OECD and Hekia Parata, ex-minister of education of New Zealand.

This unique OECD tool consists of three self-assessment questionnaires designed for students, teachers and school leaders.

- The tool is available online for free [here](#).





OECD School User Survey: Partnership opportunities

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How can you get involved? **The OECD is looking for partners!**



Take the test!



Support efforts to translate the Survey into your national language



Actively help with dissemination and awareness-raising among relevant audiences (e.g. countries, school principals, teacher unions, local government authorities, universities)



Provide feedback for the continuous improvement of the OECD School User Survey questionnaires

Send your email to EffectiveLearningEnvironments@OECD.org





Useful documents

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_Click [here](#) to read the **OECD SCHOOL USER SURVEY: Improving Learning Spaces Together**

_Click [here](#) to view the infographic

_Click [here](#) to read the blogpost of Andreas Schleicher

_Click [here](#) to watch the launch event on 15 June 2018

_Click [here](#) to read the **LEEP FIELD TRIAL REPORT**

_Click [here](#) to read the **LEEP INSTRUMENT DEVELOPMENT REPORT**

_Click [here](#) to read the **LEEP FRAMEWORK**

_Click [here](#) for the publication **PROTECTING STUDENTS AND SCHOOLS FROM EARTHQUAKES: The seven OECD principles for school seismic safety**



OECD SCHOOL USER SURVEY

IMPROVING LEARNING SPACES TOGETHER

DID YOU KNOW?

7 538 The number of hours an average 15 year-old student will have spent inside school buildings

3 USER GROUPS

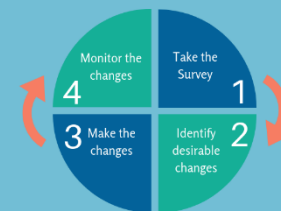
THE OECD SCHOOL USER SURVEY EMPWERS



- 1 STUDENTS
- 2 TEACHERS
- 3 SCHOOL LEADERS

4-STEP CYCLE

CYCLE OF CONTINUOUS IMPROVEMENT



5 AREAS OF FOCUS

- 1 Physical environment and its use
- 2 Comfort and safety
- 3 Use of technology
- 4 Perceptions of learning environments
- 5 Overall satisfaction with the school facilities



Current activities

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ANALYTICAL FRAMEWORK & CALL FOR CASE STUDIES: The OECD Secretariat is currently developing the Analytical Framework for Case Study Collection. This framework will guide the collection and curation of a set of case studies designed to explore how schools around the world are transforming from traditional teaching-led learning environments supported by conventional school building design to innovative pedagogical approaches supported by responsive spatial environments. The call will be published in early 2019.





Update on recent activities

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EFFECTIVE LEARNING ENVIRONMENTS IN WASHINGTON, COPENHAGEN AND OSLO: The Secretariat presented the OECD School User Survey in three events in Q4 2018:

- Regional Workshop XXI Century Schools in Latin America and Caribbean organised by the Inter-American Development Bank in Washington. The officials from Chile presented the implementation of the LEEP instrument in Chile. For information on the project “Learning in 21st Century Schools” click [here](#).
- Transitions 18 hosted by the University of Melbourne in Copenhagen. For details on the conference click [here](#); for the presentations click [here](#).
- Annual conference on “Physical Learning Environment” organised by the Directorate for Education and Training of Norway, in Oslo. For details on the conference click [here](#).





Events

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_ GNEELE MEETING: The next meeting of the Group of National Experts on Effective Learning Environments will take place in Paris on **19-20 November 2018**. The meeting will be attended by the official representatives of the OECD member countries and observers.

For information about the meeting, please contact the OECD Secretariat [email to EffectiveLearningEnvironments@OECD.org].

_ EDPC MEETING: The 24th session of the Education Policy Committee [EDPC] meeting took place in Paris on 13-14 November 2018.





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News from OECD: publications

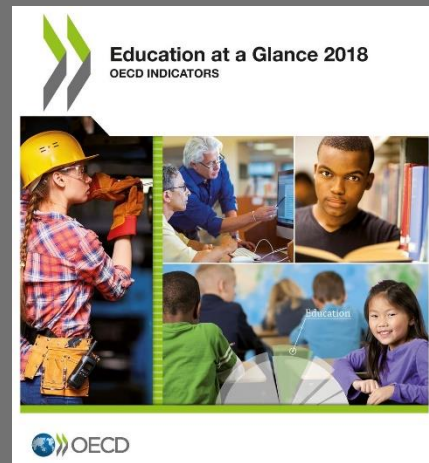
EDUCATION AT A GLANCE 2018: OECD INDICATORS

The report provides key information on the output of educational institutions; the impact of learning across countries; access, participation and progression in education; the financial resources invested in education; and teachers, the learning environment and the organisation of schools.

[Read](#) and Share

[Download](#) (for institutions with a subscription to OECD iLibrary)

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News from OECD: publications

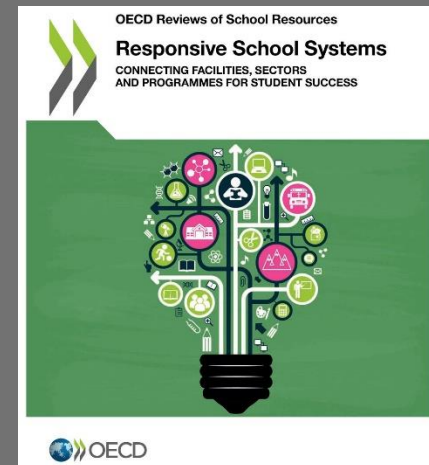
RESPONSIVE SCHOOL SYSTEMS: CONNECTING FACILITIES, SECTORS AND PROGRAMMES FOR STUDENT SUCCESS

This report aims to assist governments in organising school infrastructures and services to achieve their education policy objectives and to ensure that resources are used effectively and equitably.

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[Buy](#) the Book





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News from OECD: publications

EDUCATION POLICY OUTLOOK 2018: PUTTING STUDENT LEARNING AT THE CENTRE

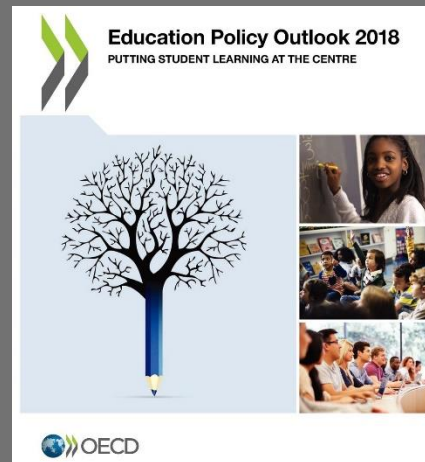
Taking the students' perspective, Education Policy Outlook 2018: Putting Student Learning at the Centre analyses the evolution of key education priorities and key education policies in 43 education systems.

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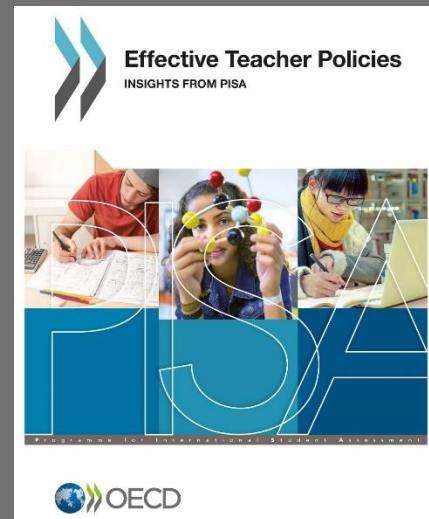
EFFECTIVE TEACHER POLICIES: INSIGHTS FROM PISA

This report, is building on data from the Indicators of Education Systems (INES) programme, the Teaching and Learning International Survey (TALIS) and the Programme for International Student Assessment (PISA).

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News from OECD: publications

CHILD WELL-BEING AND THE SUSTAINABLE DEVELOPMENT GOALS

Our latest analysis finds that, on average, OECD countries are still far from reaching the children and youth related SDG targets on Quality Education and Decent work and Economic Growth. More than 50 indicators covering children and youth are included in this Statistics Working Paper, covering 43 of the 169 SDG targets, and 11 of the 17 SDG Goals.

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Earthquakes & natural disasters

OECD COUNCIL RECOMMENDATION

In 2005, the recommendations from the expert group outlined in the publication “Keeping schools safe in earthquakes” [OECD, 2004; [link](#)] were embodied into the Recommendation of the Council Concerning Guidelines on Earthquake Safety in Schools [[link](#)]. The 2015 monitoring report of countries self-reporting on the Council Recommendation was published in 2017 [[link](#)]. The next monitoring report on the Council Recommendation will be published in early 2020.

JAPAN: LARGE-SCALE FLOODS AND EARTHQUAKES 2009

An older publication [OECD, 2009; [link](#)] addressed damages to economic assets resulting from natural disasters.





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Earthquakes & natural disasters

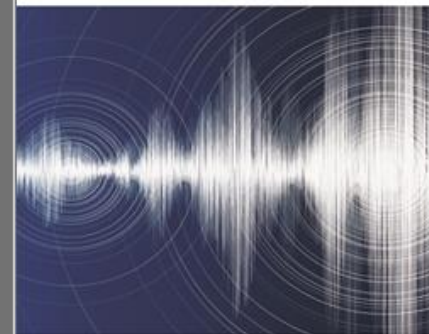
FINANCIAL MANAGEMENT OF EARTHQUAKE RISK

This report applies the lessons from the OECD's analysis of disaster risk financing practices and the development of guidance to the specific case of earthquakes. It provides an overview of the approaches that economies facing various levels of earthquake risk and economic development have taken to managing the financial impacts of earthquakes.

[Read](#) the summary

[Download](#) the pdf

Financial Management of
Earthquake Risk



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Earthquakes & natural disasters

ASSESSING THE REAL COST OF DISASTERS: THE NEED FOR BETTER EVIDENCE

Disasters disrupt socio-economic activities and cause substantial damage. Yet, their full economic impact remains largely unknown, especially the cost of smaller disasters and indirect impacts such as those due to business disruptions. Similarly, little information exists on the total amount of public resources that countries devote to disaster risk management.

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News from member countries and partners

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21st CENTURY SCHOOLS IN LATIN AMERICA AND THE CARRIBEAN CONTEST

The Inter-American Development Bank announced the winning projects of the "21st Century Schools in Latin America and the Caribbean" contest. IDB was looking for 60 school infrastructure projects that facilitate learning and development of 21st century skills and that are innovative in their design, construction, management or use.

Click [here](#) for more information





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News from member countries and partners

A SYSTEMATIC REVIEW OF THE EFFECTS OF LEARNING ENVIRONMENTS ON STUDENT LEARNING OUTCOMES – TECHNICAL REPORT 4

The University of Melbourne iletc* project conducted a systematic review of the literature on the impact of school learning environments on student learning outcomes. The object of the review was to elicit the existing empirical evidence that assessed the impact of different learning environment types on student learning outcome measures.

[Download](#) the publication



*iletc = Innovative Learning Environments and Teacher Change



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News from member countries and partners

A HISTORY OF EUROPE IN 6 PROJECTS

Six stories that take you back into the past six decades of Europe's history. They tell vivid tales about projects in which the European Investment Bank [EIB] stood behind the key developments in Europe's economy and helped turn good intentions into reality.

[Download](#) the eBook in English

This eBook is also available in French, German, Italian and Spanish





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_A CLASS APART: Read the [article](#) on The Economist about a new focus on good, imaginative design for schools. Architects from Denmark to Japan are rethinking school design to foster new ways of learning. A 2017 article that was featured again in the online version of The Economist.

_WHY SCHOOLS SHOULD TEACH THE CURRICULUM OF THE FUTURE, NOT THE PAST: Read the [article](#) on the World Economic Forum website about how leaders from government and industry debate the future of work and the changes brought by technology and automation. Despite this, the world is not reacting fast enough to update our system of education.





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_ WHY FINLAND IS TEARING DOWN WALLS IN SCHOOLS: Read the [article](#) on the World Economic Forum website about how the walls are coming down in Finland's schools – but not just the physical barriers between classrooms. Also going are divisions between subjects and age ranges, and students have more of a say over what will be learnt than children in many other countries.

_ WHAT OTHER COUNTRIES CAN LEARN FROM SINGAPORE'S SCHOOLS: Read the [article](#) on The Economist about how rigorous teaching methods and excellent teachers keep the island-state top of the class.





Articles about green schools

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[GREEN SCHOOL IN BALI](#): Read the [article](#) on designboom about the [Green School](#) in Bali that promotes an alternative education system to locals and foreigners alike. The main objective was to provide a learning environment that would facilitate students' experiential learning by allowing them to connect with the natural environment directly. Read the [article](#) on the OECD's website and watch the videos in [English](#) and in [French](#).





Articles about green schools

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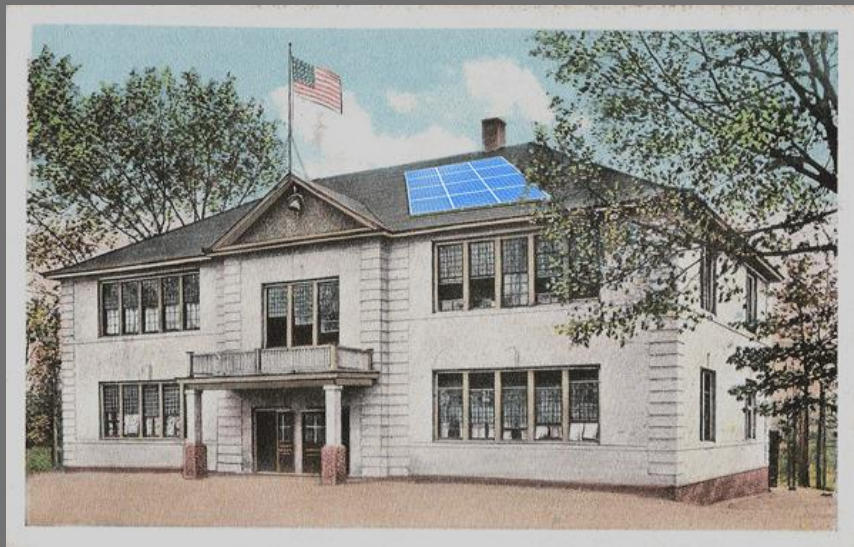
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WHAT ARE SCHOOLS DOING TO GO GREEN? Read the [article](#) on The New York Times about how schools around the USA are taking an interest in clean energy, putting solar panels on roofs and swapping diesel school buses for electric versions.





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Articles about comfort conditions

_ SEMI-OPEN PLAN SCHOOL CASE STUDY IN THE NETHERLANDS:

Read the [article](#) on the Acoustic bulletin about how combining sliding doors with good acoustics enables more student-centric learning and more effective use of the learning spaces for the teachers and students.

_ OPEN LEARNING SPACES AND ACOUSTICS: Read the [blogpost](#) on the iletc project website about acoustics in learning spaces. Acoustics is often the subject of heated debates on the value of flexible and open learning spaces in schools.

_ NATURAL LIGHT AT THE WORK PLACE: Read the [article](#) on the Harvard Business Review about the the number one attributes of the workplace environment - access to natural light and views of the outdoors.





Articles about learning environments design

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FLEXIBLE CLASSROOMS: RESEARCH IS SCARCE, BUT PROMISING: Read the Edutopia [article](#) about an effort to study the design of lived-in classrooms (study of 153 classrooms) in the United Kingdom. The same research features on an Archdaily [article](#).



Image credit: Edutopia





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Articles about learning environments design

— **DESIGNING A PUBLIC SCHOOL FROM SCRATCH:** Read the [Edutopia article](#) about a K–8 school in San Diego, Design 39, that is committed to putting students and teachers at the centre of everything the school does.

— **‘LIFESPAN’ OR ‘LEARNSPAN’? DESIGNING TO MITIGATE IRRELEVANCE:** Read the [blogpost](#) on the iletc project website about how to ensure that the school buildings we conceptualise today are still relevant in the future, given that requirements for learning are continually evolving.

— **CLASSROOM DESIGN SHOULD FOLLOW EVIDENCE, NOT ARCHITECTURAL FADS:** Read the [article](#) from The Conversation about the potential of the flexible and technology-rich spaces, referred to as innovative learning environments (ILEs), to enhance student learning.





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Articles about learning environments design

__THE A TO Z OF FLEXIBLE CLASSROOMS: Read the Edutopia [article](#) about research, raw materials, and funding options for flexible spaces; the article includes the experiences of over 20 teachers on how they managed the transformation.

__REFLECTIONS ON SHIFTING TO A FLEXIBLE CLASSROOM: Read the Edutopia [article](#) about a middle school teacher who shares the benefits of giving students voice and choice in their learning environment.

__DESIGNED FOR ENGAGEMENT: Read the Edutopia [article](#) about how a school district uses monthly missions in design studios to increase student and teacher engagement and foster self-directed learning.





Articles – presentations of school buildings

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— **'BACK TO SCHOOL' SEASON INSPIRES OUR TOP 10 EDUCATIONAL SPACES:**

Read the designboom [presentation](#) with selected schools in Thailand, UK, France, Russia, India, Qatar, Netherlands, Vietnam, Iran.

— **5 AMAZING SCHOOLS THAT WILL MAKE YOU WISH YOU WERE YOUNG AGAIN:**

Read the [article](#) on World Economic Forum website with five examples of schools that are rethinking traditional teaching and house an array of facilities, from teaching gardens and meditation areas to sports grounds and open classrooms.



Image credit: Maximo Recio



Image credit:
C.F. Møller Architects





Articles – presentations of school buildings

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THE RURAL BRAZILIAN SCHOOL THAT ENRAPTURED THE ARCHITECTURE WORLD: Read the CNN Style [article](#) about a school designed by two young architects in Brazil that attracted international recognition. Their goal was to serve disadvantaged students in the remote community of Formoso do Araguaia.



Children Village in Formoso do Araguaia, a remote municipality in Brazil.

Image credit: Leonardo Finotti/
Rosenbaum Arquitetura





Articles – presentations of school buildings

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_AN ELEMENTARY SCHOOL FAÇADE IN SPAIN BECOMES A RADICAL REPRESENTATION OF ELECTRONIC MUSIC: Read the designboom [article](#) about the use of art as a tool for the transformation of public space.

Image credit: Kenor



_EMPOWERING STUDENTS WITH DESIGN THINKING: Watch the [video](#) about a school in India founded on design thinking principles; it encourages students to be active agents in their own learning.





Articles – presentations of school buildings

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_ WEGROW SCHOOL IN NEW YORK: Read the designboom [article](#) about how the design for WeGrow -the first school of office-sharing brand WeWork- seeks to *‘undo the compartmentalization often found in traditional school environments and reinforces the significance of engaging kids in an interactive environment’*.



Image credit: Dave Burk



Image credit: Laurian Ghinitoiu





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Articles – presentations of school buildings

LEE MAGNET HIGH SCHOOL: Read the [article](#) about the new Lee Magnet High School that replaced an aged industrial high school with a new delivery model focusing on specialised learning for students. The campus is designed to promote real-life experiences, allowing students to apply classroom lessons in a laboratory within their home Academy. Lee Magnet High School is designed to inspire learners of all ages.

LEBRON JAMES FAMILY FOUNDATION I PROMISE SCHOOL: Read the [article](#) on the World Economic Forum website about the “I Promise School” of the basketball player LeBron James. In addition to their grade school education, students will also receive free uniforms, free meals, a bicycle and a helmet, as well as guaranteed tuition to the University of Akron.





Activities of the Royal Institute of British Architects

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[RIBA 2018 STIRLING PRIZE](#): Read the [presentation](#) of the Storey's Field Centre and Eddington Nursery, that was shortlisted for the RIBA [2018 Stirling Prize](#), the UK's most prestigious award for architecture. The jury described it as "a breathtaking building". More information on the school's [website](#).

[A CLOSER LOOK: EDUCATION PROJECTS](#): Take a [look](#) at the nine education projects on the 2018 RIBA International list, from a post disaster school in Thailand to a university campus masterplan.



Images credit: Alan Williams





Activities of the American Institute of Architects

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_ DIALOGUES II: Read the [report](#) by the American Institute of Architects Committee on Architecture for Education [[AIA-CAE](#)] which is part of the committee's work in supporting evidence based design of educational spaces by providing access to current research.

_ "ARCHITECTS HAVE A ROLE TO PLAY IN ADDRESSING SCHOOL VIOLENCE" SAYS AIA: Read the [article](#) on dezeen about the plans of the American Institute of Architects [[AIA](#)] for a series of initiatives that will use "the power of design" to help address violence in US schools and create safer environments for children.





Outline of the OECD Effective Learning Environments project

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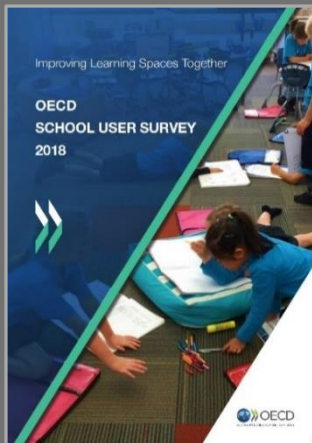
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LEARNING ENVIRONMENTS EVALUATION PROGRAMME [LEEP] was launched in 2013 in order to broaden and re-focus the work of the OECD Centre for Effective Learning Environments [CELE] by examining the relationship between a range of policy levers that shape the learning environment and educational and other outcomes.

The current project name is **Effective Learning Environments**.



_The OECD School User Survey consists of three questionnaires and was finalised in December 2017. The questionnaires are targeted to students, teachers and school leaders.

Click [here](#) for the publication

_Click [here](#) for the LEEP Brochure



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The project's mission

MISSION: “To produce **instruments** and **analyses** that inform school leaders, researchers, designers, policymakers and others about how investments in learning environments, including educational spaces and different technologies, translate into **improved learning, health, social and well-being outcomes**, leading to more efficient use of education resources.”

Instruments & analyses

investments in
learning
environments

HOW?

improved
[learning, health,
social & well-being]
outcomes





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Support the project!

_GROW THE NETWORK! Please feel free to forward this e-mail and e-newsletter to interested colleagues.

_CONTRIBUTE: You are invited to suggest content for the e-newsletter to EffectiveLearningEnvironments@OECD.org





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OECD EDUCATION AND SKILLS NEWSLETTER: Read the latest issues [[August](#), [September](#) and [October](#) 2018] that deliver the key education findings and policy directions emerging from recent OECD analysis in a single accessible free source.

ACCESS TO OECD ONLINE PUBLICATIONS: GNEELE member countries benefit from free access to OECD publications in the online OECD database [iLibrary](http://www.oecd-ilibrary.org/) [<http://www.oecd-ilibrary.org/>].

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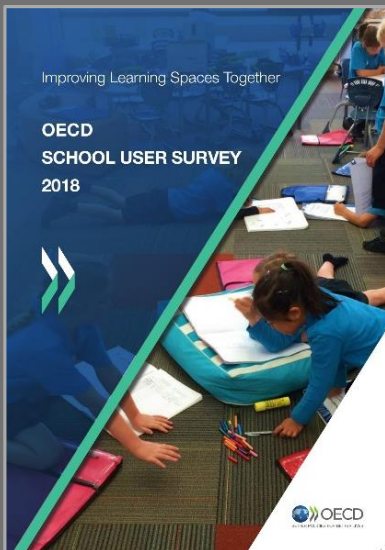
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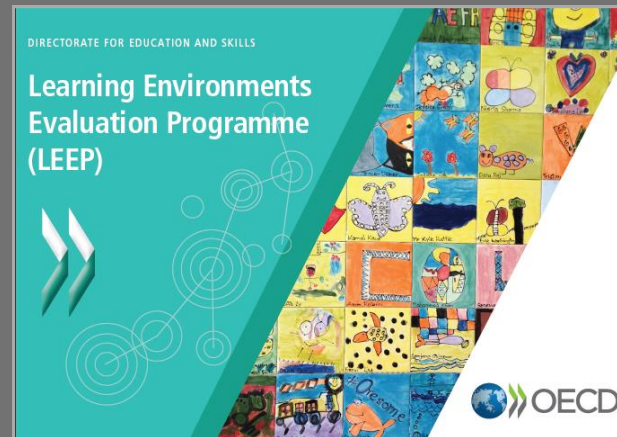
www.oecd.org/education/effective-learning-environments/



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NOVEMBER 2018

Effective Learning Environments

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