



МІНІСТЕРСТВО  
ОСВІТИ І НАУКИ  
УКРАЇНИ







## Sectoral Working Group on Education and Science Meeting

# 2021 PRIORITIES OF THE MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

Andrii Vitrenko, Deputy Minister for European Integration

26 January 2021

# SWG Thematic Subgroups

Thematic Subgroup	Co-coordinator(s) from MoES	Co-coordinator(s) from partner organizations
 <p>Preschool Education 28 January, 16.00-17.00</p>	<p>Andriy Osmolovskyi, DG of the Directorate of Preschool, School, Out-of-School and Inclusive Education</p>	<p>UNICEF (Olha Dolinina)</p>
 <p>New Ukrainian School 2 February, 14.00-15.30</p>	<p>Andriy Osmolovskyi, DG of the Directorate of Preschool, School, Out-of-School and Inclusive Education</p>	<p>DECIDE (Valentyna Poltorak) USAID/ENGAGE (Svitlana Suprun) EWC (Khrystyna Chushak)</p>
 <p>Vocational Education and Training 29 January, 10.00-11.00</p>	<p>Iryna Shumik, DG of the Directorate of Vocational Education and Training</p>	<p>RST (Tetiana Biletska) GIZ (Michael Paulo)</p>
 <p>Higher Education 29 January, 16.00-17.30</p>	<p>Oleg Sharov, DG of the Directorate of Professional Pre- Higher and Higher Education</p>	<p>World Bank</p>
 <p>Science and Innovation 29 January, 16.00-17.30</p>	<p>Yulia Bezvershenko, DG of the Directorate of Science and Innovations</p>	
 <p>Education in Emergency 27 January, 14.00-15.00</p>	<p>Directorate of European Integration, Budgeting and Policy Coordination</p>	<p>Save the Children (Denis Puzhalin) UNICEF (Dmytro Sharaievskyi)</p>

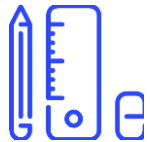
# MoES strategic priorities



**High-quality and affordable preschool education**



**High-quality and affordable school education**



**Modern vocational education and training**



**High-quality higher and adult education**



**Science and innovations development**

# PRESCHOOL EDUCATION

## 2021 MoES priority tasks



- ✓ New Law on Preschool Education
- ✓ Policy Concept for Preschool Education development
- ✓ Development of professional standards for preschool educator and principal
- ✓ Instruments for ensuring quality and accessibility of preschool education

## Additional support needed



Preschool education financing models



New educational programs



Professional standards for preschool educator and principal

# 2021 MoES priority tasks NEW UKRAINIAN SCHOOL

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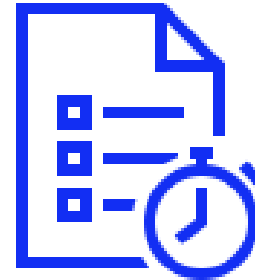


- ✓ State Standard for Basic Secondary Education (*implementation, piloting, students assessment, textbooks, teacher training*)
- ✓ Preparation for implementation NUS in upper secondary school
- ✓ Building an efficient system of student career guidance
- ✓ Teacher professional development (*internship, certification, centers for professional development, professional standards*)
- ✓ School infrastructure and decentralisation (*school network, broadband Internet, modern educational environment, school nutrition*)
- ✓ National Strategy for Development of Inclusive Education 2021-2031
- ✓ Implementation of Safe School Declaration

# Additional support needed NEW UKRAINIAN SCHOOL



State Standard for Basic  
Secondary Education  
*(model educational programs,  
teacher training)*



Development of mechanisms for  
standardized assessments of  
students' learning outcomes  
*(primary and basic secondary school)*



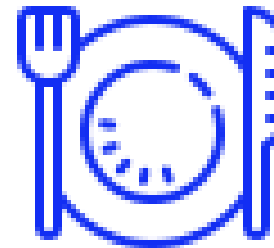
Preparing to implementation of field-  
specific secondary education  
*(roadmap, new educational content,  
formation of field-specific lyceum network)*



Student career guidance  
*(development of a model and  
implementing mechanisms)*



Development of teacher digital  
skills *(methodical guides, trainings  
and courses)*



Introducing an effective  
school nutrition system

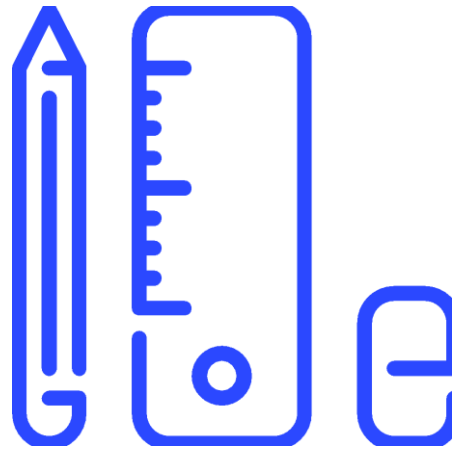


Piloting programs to resist and  
prevent violence and bullying  
*(Olweus and KIVA)*

# 2021 MoES priority tasks

## VOCATIONAL EDUCATION AND TRAINING

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- ✓ Strategy for Development of Vocational Education and Training until 2023
- ✓ VET standards on competence-based approach
- ✓ Modern infrastructure for VET schools
- ✓ Communication campaign promoting VET
- ✓ Effective regional networks of VET institutions

# Additional support needed VOCATIONAL EDUCATION AND TRAINING



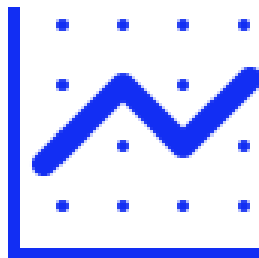
MINISTRY  
OF EDUCATION AND  
SCIENCE OF UKRAINE



Renovation and development of production and social infrastructure of VET institutions (*workshops, laboratories, canteens, dormitories*)



Digitization of VET  
(*online courses and simulators, online foreign language courses for VET teachers*)



Monitoring studies



Communication campaign promoting VET  
(*promotion videos, social advertising, career fairs*)



## 2021 MoES priority tasks



- ✓ Strategy for Development of Higher Education for 2021-2031
- ✓ Unified State Qualification Exam piloting
- ✓ Electronic system for monitoring the employment of higher education graduates
- ✓ Attractiveness of Ukrainian higher education for foreign students (*e-platform, communication campaign*)

## Additional support needed



Improving of higher education formula-based financing



Development of KPIs for rector contracts



E-platform for foreign students admission to HEIs in Ukraine

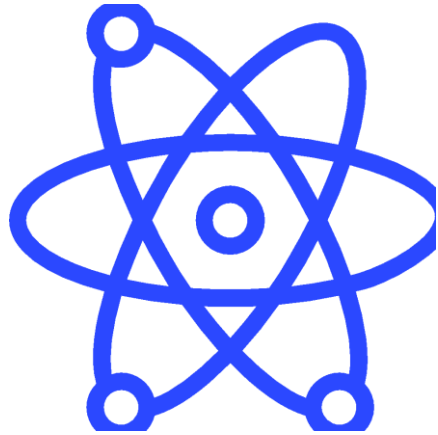


Expertise in development of mechanisms for professional pre-higher education financing

# 2021 MoES priority tasks

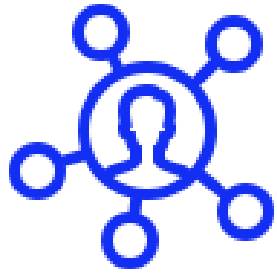
## SCIENCE AND INNOVATION

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- ✓ Identification of priorities for R&D&I
- ✓ Horizon Europe
- ✓ Euratom, COST, European Institute of Innovation and Technology (EIT)
- ✓ Development of the research infrastructures, including e-infrastructure, and innovation infrastructures

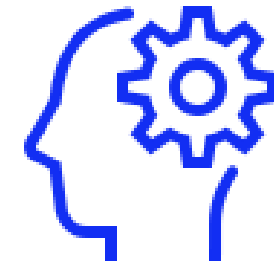
# Additional support needed SCIENCE AND INNOVATION



monitoring of existing research  
and innovation infrastructures



tools for monitoring and audit of the  
National and branch academies of  
science of Ukraine



setting smart specialization priorities  
for higher education and research  
institutions in pilot regions



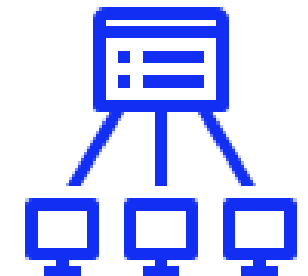
development of digital  
services for R&D&I



mechanism for sustainable financial  
and organizational support for the  
research and e-infrastructures



science promotion  
activities and events



access to databases Derwent  
Innovation and PatSnap

# 2021 MoES priority tasks

## DIGITAL TRANSFORMATION

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- ✓ Concept of the Education and Science Digitization in Ukraine and Action plan
- ✓ All-Ukrainian Online School
- ✓ Development of teacher digital competencies
- ✓ Launching SELFIE project
- ✓ EMIS development (*VET, HEMIS, EDBO, AICOM*)
- ✓ Creation of Unified Scientific Platform of Ukraine and joining European Open Scientific Cloud (EOSC)

# Additional support needed DIGITAL TRANSFORMATION



Online resources for remote teaching and learning



Concept of the Education and Science Digitization in Ukraine and Action plan



E-platform for foreign students admission to HEIs in Ukraine



Unified Scientific Platform of Ukraine



Audit of educational institutions on digital readiness – infrastructure and skills



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# Thank you!

Technical support:



**DECIDE**

**SWISS-UKRAINIAN PROJECT  
DECENTRALIZATION FOR IMPROVED  
DEMOCRATIC EDUCATION**

**ШВЕЙЦАРСЬКО-УКРАЇНСЬКИЙ ПРОЄКТ  
ДЕЦЕНТРАЛІЗАЦІЯ  
ДЛЯ РОЗВИТКУ ДЕМОКРАТИЧНОЇ  
ОСВІТИ**