



## STEM / MINT Event Calendar 2021/22



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<b>Aug.:</b> British Council School Slam	grades 9 - 12
1st Round Math Olympiad	grades 5 - 12
<b>Sept.:</b> 17th Children's UNI	kick-off Nawi program of the 4th grades
Call for entries for "Youth presents"	grades 7 - 12
Call for entries "EUREKA!" Man and Nature	grades 3 - 8
Start of the AG Neuroscience	grades 9 - 12
Start of the AGs "Students experiment"	grades 5 and 6
Start of the AG "Math Games"	grades 5 and 6
Start of the AG "Naturalists"	grade 5
Start of #FuFfor Future	grades 7 - 9
Start of the AG "Lego"	grades 1 and 2
Start of the AG "Robotics"	grades 1 and 2
Start of the AG "Chess"	grades 3 and 4
Start of the AG "Young Engineers"	grades 3 and 4
Start of the AG "Nature and animal friends"	grades 3 and 4
Start of the AG "Coding"	grades 3 and 4
Start of AG "Natural sciences"	grades 1 and 2
Start of AG " Nature discoverers"	grades 3 and 4
MINT-EC-Camp "Medical Physics - Biophysics"	qualified participants (grades 10 -12)
Sun and Shadow	kindergarten
<b>Oct.:</b> USA Science & Engineering Festival	K - 12
MINT-EC Camp "Modern Molecular Biology"	qualified Participants (Grades 10 - 12)
Salt paintings	kindergarten
Experiments "Liquids and Solids"	kindergarten
Shapes and colors	SES
Eric Energy Show: "The Air Up There"	kindergarten
<b>Nov.:</b> "Day of Community Service"	entire school community.
Presentation of Projects:	
Reforestation Program	
Audubon: Insect Garden	
Blue Bird Program	

Start of "Youth presents" competition	grades 7 - 12
Competition EUREKA! Man and Nature 2021	grades 3 - 8
Start "Makeathon" partner project with Höchststadt	qualified participants (grades 10 - 12)
Computer Science Biber Competition	grades 7 - 9
2nd round Math Olympiad	qualified participants
"Eric Energy" Show: Spark Attack	kindergarten
Thanksgiving Dinner - measure, weigh, mix	kindergarten
British Council School Slam Competition	grades 9 - 12
Principals' meeting of MINT-EC schools	
Fall: changes in nature	kindergarten
Baking: Weighing, Counting, Mixing	kindergarten
Echoes of Nature: Rescued animals in our Neighborhood	kindergarten
<b>Dec.:</b> Math Advent Calendar	grades 4 - 8
Field trip to the Maryland Science Museum	4th grades
"#FuFforFuture" competition	grades 5 - 12
Ice cream experiments	SES
Advent calendar: daily rituals	kindergarten
Christmas baking: measure, weigh, mix	kindergarten
<b>Jan.:</b> Beginning of "Question of the week" contest	grades 4 - 6
Brain Bee competition at GISW (1st round)	grades 9 - 12
GER economics award presentations	grade 10
Brain Bee - Regional competition at American University Washington DC	qualified participants.
#FuFforfuture: Information and discussion on current environmental problems	grades 7 - 9
Start of the AG "School Garden"	grades 4 - 6
Establishment of Makerspace	kindergarten + GS
Arctic: Habitat and Animals	SES
Experiments with Ice	kindergarten
Animals in Winter	kindergarten
<b>Feb.:</b> GISW - Open House	presentation of the STEM/MINT program
	exhibition of the Schüex groups
#FuFforFuture - panel discussion	participants from grades 5 - 12
Students of WeiSch present technology in Kiga	cooperation Kiga and FuF course 7/8 of WeiSch
	kindergarten
Experiments with snow and ice	qualified participants
3rd round math olympiad	grades 5 - 10
Pangea - Competition	qualified participants (grades 10 - 12)
MINT 100 (MINT-EC-Camp in Germany)	

## 15.02 Deadline "Jugend Präsentiert" (Youth presents)

<b>March:</b> Evaluation Question of the Week 1st Round	grades 4 - 6
Pi-Day (mathematics)	grades 5 - 12
Kangaroo Contest of Mathematics	grades 3 - 12
Submitting videos for School Slam	grades 5 - 12
Computer Science Biber Competition	grades 8 and 9
Kids boost immunity school project	grades 4 - 12
Spring is coming	kindergarten
"Eric Energy" science presentation	indergarten
"Nifty Fifty" event (USA Science & Engineering Festival)	grades 9 - 12
"Heart valve symposium and workshop"	grade 10
Partnership with George Washington University	
MINT-EC camps:	qualified participants (grades 10 - 12)
" Agile Project Management in Prototyping (1)"	
" Future Materials: Miracle Automobile"	
"Five Senses" Farm Tour (Red Wiggler Organic Farm)	SES.
<b>April:</b> Pangea 2nd round	grades 5 - 10
Rockville Science Day - Invitation by the - STEM/MINT coordinators	
network building with Rockville Science Center partner organizations.	
Project: Plant growth	kindergarten
Project: Around the Egg	kindergarten
Science Congress "Building a Water desalination plant"	grade 4
Chicken project: What hatches from the egg?	grade 4
Start of school garden project - partnership with	kindergarten - 5th grade
Audubon Society	
Pollinators and seeds	SES - Grade 1
Composting	grades 2 - 3
Planting	grades 4 - 5
6th USA Science&Engineering Festival Washington DC	grades 4 - 12
MINT-EC Academy: "HPI- Camp Computer Science"	qualified participants (grades 10-12)
MINT-EC Camp" Molecular Biology"	
MINT-EC Camp "Sustainability in Resource Engineering"	
Start "Challenge of the Week"	environmental group FuF 7/8
Recycling project	
<b>May:</b> Evaluation Challenge of the Week 2nd round	grades 4 - 6
Open House of the European Embassies	exhibition of science projects of the Schüex-AGs classes 2 - 7, "Hands on"- experiments with visitors at the Embassy
Internship Program	grade 10
MINT Forum: MINT meets Frankfurt School	grades 10 - 12 (online)

MINT-EC-Camps:	qualified participants (grades 10 - 12)
" Agile project management in prototyping (2)"	
MINT Girls-Camp: Exploring regenerative energies"	
Genetics Workshop at the National Institute of Health (partnership)	grade 11
Chemistry 3D Competition	grades 10 - 12
Outer Banks class trip - environmental program "Jeanette's Pier.	grades 9 and 10
Biotech Symposium - Johns Hopkins partnership University	grades 9 - 11
"Little Experiment Workshop"	cooperation kindergarten and FuF Course 5/6 of WeiSch
Schüex competition	grades 5 and 6
Project "From caterpillar to butterfly"	Kindergarten
Project: "From egg to earthworm	
School garden project phase 2: composting and herb garden: cooperation with cafeteria	SMV group
Butterfly life cycle (Brookside Gardens)	SES
<b>June:</b> MINT Forum: The solar cell from a silicon wafer	qualified participants (grades 10 - 12).
STEM-Night	grades 2 - 7
Makeathon: 2nd phase - "Maken" in Höchststadt	qualified participants (grades 9 - 12)
Field trip to Montgomery County recycling facility	grade 3
MINT-EC-Camp "PEM - Fuel Cells Technology"	qualified Participants (Grades 10 - 12)
MINT-EC camp "Environment, society, nature and technology - the game of systems"	
Experiments with colors	kindergarten
Experiments with water	kindergarten
Evolution of the bee	kindergarten
Field trip to the Montgomery County recycling plant	SES
<b>July:</b> MINT-EC camps: "Modern Physics"	qualified participants (grades 10 - 12)
" Plant Research"	
" Particle Physics"	