

NMC Horizon Report: 2013 K-12 Edition

RESEARCH QUESTION 1: Round One Voting Tallies

Topic	Total	Voters	1 Yr	2-3 Yrs	4-5 Yrs
Learning Analytics view	96	40	8	19	13
Mobile Learning view	84	39	27	11	1
Online Learning view	80	36	28	7	1
BYOD view	79	37	28	7	2
Adaptive Learning and Personal Learning Networks view	72	36	10	19	7
Cloud Computing view	71	38	28	7	3
Open Content view	70	35	12	19	4
Games and Gamification view	65	35	19	10	6
Flipped Classroom view	61	29	18	9	2
Social Media view	51	31	19	10	2
Augmented Reality view	50	26	3	7	16
3D Printing view	46	25	5	6	14
Electronic Publishing view	42	24	8	13	3
Virtual and Remote Laboratories view	40	23	3	5	15
Information Visualization view	36	19	1	8	10
Crowd Sourcing view	33	21	6	8	7
The Internet of Things view	33	19	2	4	13
Digital Identity view	30	19	5	6	8
Natural User Interfaces view	29	20	1	11	8
Mobile Broadband view	29	19	7	9	3
Wearable Technology view	28	19	2	3	14
Virtual Assistants view	24	13	--	4	9
E-Advisors view	23	15	3	6	6
Social Reading view	20	16	4	7	5
Open Badges view	20	16	1	10	5
Flexible Displays view	19	14	--	1	13
Location-Based Services view	17	11	--	6	5
Tacit Intelligence view	15	11	1	2	8
Virtual Worlds view	15	14	5	6	3
Open Hardware view	15	10	1	5	4
Digital Preservation view	13	11	2	3	6
Machine Learning view	12	9	1	4	4
Real-Time Machine Translation view	12	10	1	1	8
3D Video view	11	10	1	2	7
Exercise and Kinetic Desks view	7	6	--	1	5
Near Field Communication view	6	5	--	--	5
Time-Based Media Conservation view	4	4	--	--	4
Pencasts view	2	2	1	--	1

RESEARCH QUESTION 3: Round One Voting Tallies

topic	total	voters
Education paradigms are shifting to include online learning, hybrid learning, and collaborative models. view	43	30
The abundance of resources and relationships made easily accessible via the Internet is increasingly challenging us to revisit our roles as educators. view	39	23
Openness — concepts like open content, open data, and open resources, along with notions of transparency and easy access to data and information — is becoming a value. view	32	23
Customized learning is increasingly a goal for schools. view	26	18
As the cost of technology drops and school districts revise and open up their access policies, it is becoming increasingly common for students to bring their own mobile devices. view	21	15
Social media is changing the way people interact, present ideas and information, and communicate. view	20	15
People expect to be able to work, learn, and study whenever and wherever they want. view	20	15
The focus of assessments are shifting from "what you know (can memorize)" to "what you can do (portfolio)." view	19	14
There is a new emphasis in the classroom on more challenge based, active learning. view	19	14
Schools are beginning to move away from textbooks to web resources and open source books. view	19	14
The technologies we use are increasingly cloud-based, and our notions of IT support are decentralized. view	17	13
There is an increasing interest in using new sources of data for personalizing the learning experience and for performance measurement. view	15	13
MOOCs are developing fast and disrupting higher education. view	15	11
Technology continues to profoundly affect the way we work, collaborate, communicate, and succeed. view	15	11
Increasingly, students want to use their own technology for learning. view	14	9
Informal learning is on the rise. view	12	9
EdTech "Entrepreneurism" is growing. view	11	8
There is a renewed emphasis on Programming as a STEM skill. view	11	8
The world of work is increasingly collaborative, driving changes in the way student projects are structured. view	11	9
Computational thinking is increasingly discussed as key skill for today's students. view	10	8
Maker Spaces and Hacker Spaces are a growing partnership opportunity for schools. view	10	8
The emphasis of funders and government on STEM is growing. view	9	7
The paperless classroom is coming. view	8	5
The intersection of public spaces (museums, libraries, etc) with schools is dispelling the myth that learning only happens in school. view	7	7
Schools are beginning to move away from interactive white boards to other screen technologies. view	6	6
Educational technologies seem to be converging and becoming more interconnected. view	5	4

There is an increase in education entrepreneurship courses. view	5	3
Computers as we know them are in the process of a massive reinvention. view	4	3
The way we define concepts is increasingly granular. view	3	2
The integration of internship experiences for high school students is increasing. view	1	1

RESEARCH QUESTION 4: Round One Voting Tallies

topic	total	voters
K-12 must address the increased blending of formal and informal learning. view	39	26
Innovating pedagogy is a complex process that requires research into impacts, responsive state of mind to technology changes, and understanding what pedagogical strategies can make innovation in pedagogy possible. view	39	24
Ongoing professional development needs to be valued and integrated into the culture of the schools. view	36	22
Many activities related to learning and education take place outside the walls of the classroom and thus are not part of traditional learning metrics. view	36	22
The demand for personalized learning is not adequately supported by current technology or practices. view	31	20
Too often it is education's own processes and practices that limit broader uptake of new technologies. view	31	18
We are not using digital media for formative assessment the way we could and should. view	30	19
Faculty training still does not acknowledge the fact that digital media literacy continues its rise in importance as a key skill in every discipline and profession. view	26	17
Divides persist. view	24	12
New models of education are bringing unprecedented competition to the traditional models of education. view	22	15
Child digital safety issues will only become more important, and challenging/vexing... view	20	12
Learning that incorporates real life experiences is not occurring enough and is undervalued when it does take place. view	18	11
Schools lack the infrastructure for adopting new learning models. view	18	15
Simply staying organized and current presents a challenge in a world where information, software tools, and devices proliferate at the rate they do today. view	14	12
The financial austerity affecting so many of the world's economies limits what is possible to do in schools. view	13	7
Open access is introducing new critical challenges in the distribution of scholarly information and ideas that are relevant to education. view	13	9
Organizations are challenged to ensure quality while engaging in the use of rapidly changing, ever-evolving technologies. view	12	10
We need to shift our language. view	6	4
The role of the school librarian and school library are changing. view	5	4
Teacher preservice programs don't "talk to" teacher inservice programs. view	5	4
The pursuit of authenticity is a challenge. view	4	3