

Authentically STEAMed/Engaged in Learning

Insure access to innovative, technology-infused, student-centered learning opportunities that foster critical thinking, risk-taking, ownership, 21st century problem-solving, and global responsibility.



LESTER C. NOECKER SCHOOL
ROSELAND SCHOOL DISTRICT

Timeline	Areas of Focus	Major Activities	Evidence
2017 - ongoing	<p>Resources (space, \$, technology, community, professional development)</p> <ul style="list-style-type: none"> Utilize current technology to its fullest potential. Foster collaboration between school, parents, and community. <p><i>Overlap Goal Service & Community</i></p>	<ul style="list-style-type: none"> Assess technology availability & use at home Expand and integrate the Makerspace philosophy Explore “flexible classrooms” Identify in-school visionaries/ “Steam Team” Addition of Technology Specialist Teacher Addition of Grade 4 Chromebooks Update technology and related resources, as needed Continue to evaluate current & future needs Professional development for staff Budget for future Assess effectiveness of technology-based instructional tools & programs Explore creation of an integrated STEAM Lab Explore how the media center is utilized; research opportunities to expand STEAM concepts Remain cognizant & reflective of scheduling & its impact on supporting problem-based learning Expand upon Google Classroom use Tap the greater community for resources, support, funding, and/or grants 	<p>Agendas/Minutes Observation Communication Community Feedback Evidence of Initiatives Curricular Updates Scheduled Events</p>

		<ul style="list-style-type: none"> ● Inclusion of integrated technology into all curricula ● (see <i>Curriculum & Instruction Goal</i>) 	
2017 - ongoing	<p>Digital Citizenship</p> <ul style="list-style-type: none"> ● Create an interdisciplinary approach to promote global, digital citizenship. ● Build understanding of social media and Internet use (security, digital footprints, cyberbullying, information literacy) <p><i>Overlap Goals Curriculum & Instruction; Character Development</i></p>	<ul style="list-style-type: none"> ● Research & offer workshops for students, parents, teachers ● Explore Digital Citizenship curriculum to support our students (Common Sense Media, learning.com, netsmartz.org) ● Adopt a Digital Citizenship curriculum ● Keep Acceptable Use Policy (AUP) current & relevant ● Connect Digital Citizenship expectations to Character Development (see <i>Character Development Goal</i>) ● Inclusion of technology responsibility into all curricula (see <i>Curriculum & Instruction Goal</i>) 	<p>Observation Communication Community Feedback Evidence of Initiatives Curricular Updates Scheduled Events Evidence of Programming Professional Development</p>
2017 - ongoing	<p>Opportunity (scheduling, space, time, planning)</p> <ul style="list-style-type: none"> ● Develop planning skills that incorporate critical thinking, problem-solving, and risk-taking ● Increase student-driven initiatives as well as student-centered projects and activities. 	<ul style="list-style-type: none"> ● Explore Future Ready Schools Resources & Certification (committee) ● Expand upon Google Classroom use ● Expand and integrate the Makerspace philosophy ● Explore “flexible classrooms” and “Anytime, Anywhere” technology use & access ● Research specific technology use to support differentiation and insure access for all ● Explore student opportunity and choice for technology exploration (coding, app development, publishing, etc.) ● Consider “enrichment” period scheduling / expansion of independent study ● Invite community in to showcase student use of technology (makersfaire, workshops, etc.) ● Inclusion of integrated technology into all curricula (see <i>Curriculum & Instruction Goal</i>) 	<p>Agendas/Minutes Applications Communication Committee Outcomes Scheduled Events Curricular Updates Evidence of Programming Communication Professional Development</p>

<p>2017 - ongoing</p>	<p>Philosophical Shift</p> <ul style="list-style-type: none"> • Increase participation in project-based learning with real-world application. <p><i>Overlap Goal Curriculum & Instruction</i></p>	<ul style="list-style-type: none"> • Deepen understanding of how technology supports differentiation • Embody student voice, student choice • Increase ownership, opportunity, & independence • Explore enhances to student safety and security (Go Guardian, AUP, Google Classroom, Cybersafety & responsibility) • Inclusion of integrated technology into all curricula (see <i>Curriculum & Instruction Goal</i>) 	<p>Observation Professional Development Community Feedback Curricular Updates Scheduled Events Evidence of Programming</p>
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