

Supporting the Next-Generation of K-12 Curricula! *Deeply-Digital, Collaborative and as Engaging as the Technology Itself*

The “digital transformation” of K-12 education is accelerating! Curricula vendors now have digitized offerings which allow curricula to be consumed on tablets, PCs and other electronic devices, and mercifully eliminates the need for children to carry a bag full of books! Typically, paper based curricula have simply been scanned to a digital file, and, perhaps, augmented with online videos. However, as these digitized curricula have not substantively changed *how* students’ learn no significant improvements in learning outcomes have been observed.

Driven by the belief that every child, from entry into school, is entitled to experience success via a high quality educational experience regardless of the financial circumstances of their school district, the University of Michigan’s Center for Digital Curricula (UMich.CDC)¹ is perfectly positioned to disrupt the “digitized” curricula development and consumption model². Created by two university professors who have dedicated their careers to understanding “teaching and learning,” and tirelessly studying how technology can be used to improve those activities, the UMich.CDC’s next-generation learning environment, the Collablify Roadmap Platform, brings *deeply-digital*, highly-interactive, [curricula to life](#). Collablify Roadmaps are *visual* lesson plans where a learner can literally see where their learning starts, where it ends and all the stops (learning activities) along the way. (See attached “Roadmap Lesson.”) The highly-interactive tools in the platform, such as Collablify MediaWriter and Collablify [Flipbook](#), improve lessons by enabling learners to construct artifacts and in so doing, manipulate audio, video, animations, and images as easily as they manipulate text. True to its name, the Collablify Roadmap Platform readily enables student-student and student-teacher collaboration, whether students or teachers are face-to-face, remote or hybrid. For example, integrated into the Platform is Twilio’s Voice-over-IP service; with a simple tap on the phone icon in the Roadmap, a teacher or learner in the classroom to can talk through the computer and collaborate with a student at home. Collablify Roadmaps support how the Alpha Generation children learn and enable teachers to truly mentor their students and not just monitor them.

The Collablify Roadmap Platform is “curricula vendor agnostic.” As schools are no longer compelled to buy whole curriculum packages, educators using Collablify can select pieces of curriculum: Vendor A for lower-el math, Vendors B and C for lower-el math supplements, etc. Collablify allows all those curricular pieces to be delivered in a coherent, visual, framework that students and teachers find easy to use, easy to change and highly engaging. (See attached “Roadmap Daily Schedule.”) In addition, the Platform delivers high quality, K-5 curricula developed by the University of Michigan, College of Engineering, Center for Digital Curricula providing a low cost and seamless (in-class, home, hybrid) solution. We are driven by the belief that every child is entitled to experience success via a high quality education experience regardless of the financial circumstances of their school district.

The Collablify Roadmap Platform, with its K-5, 4-core subject, standards-aligned, deeply-digital, year-long curricula, has been used by 10,000+ students since 2019-20. Virtually all of those students are in Title 1 schools in low-SES, rural and urban communities. And while nationally, students’ test scores and engagement levels have dropped during/post COVID, in schools using Roadmaps, student engagement *and* test scores (e.g., NWEA) have improved – or at least remained at pre-pandemic levels.

It’s only a matter of time until the Collablify Roadmap Platform finally fulfills technology’s promise to dramatically improve learning in K-12 and beyond. We seek a partner to assist with scaling by helping to increase market visibility and distribution of this game changing product.

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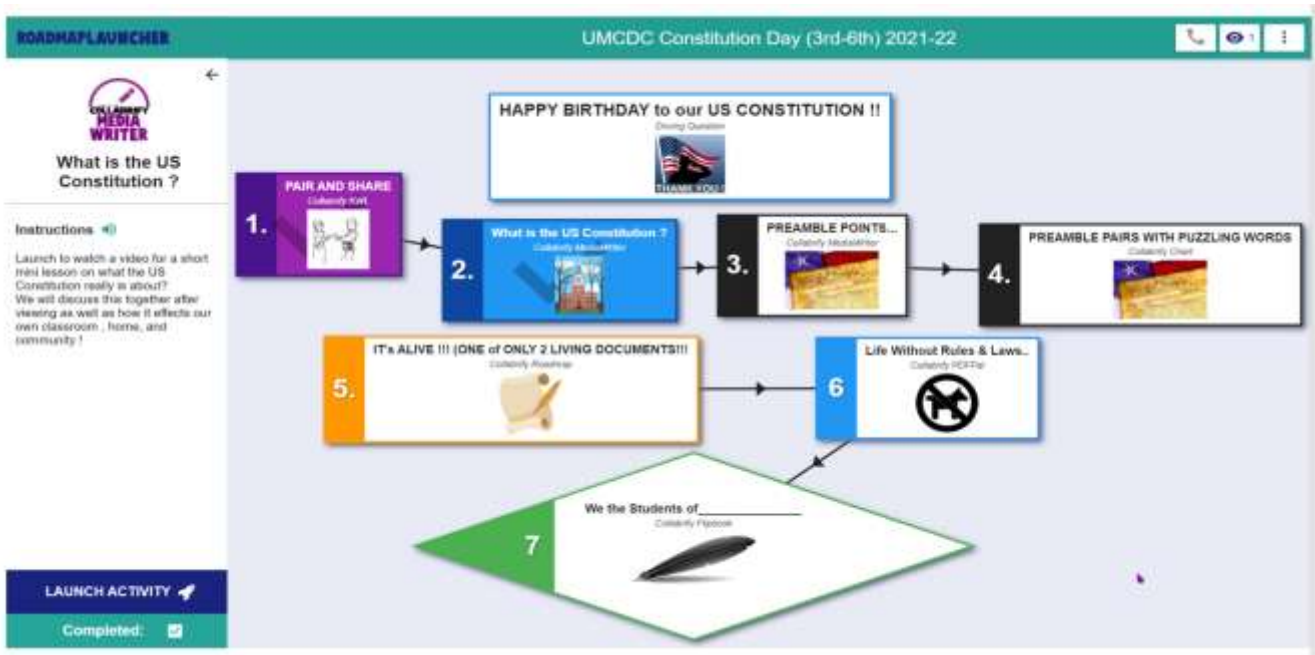
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¹ <https://tinyurl.com/UMichCDCvideo> 3 minute video

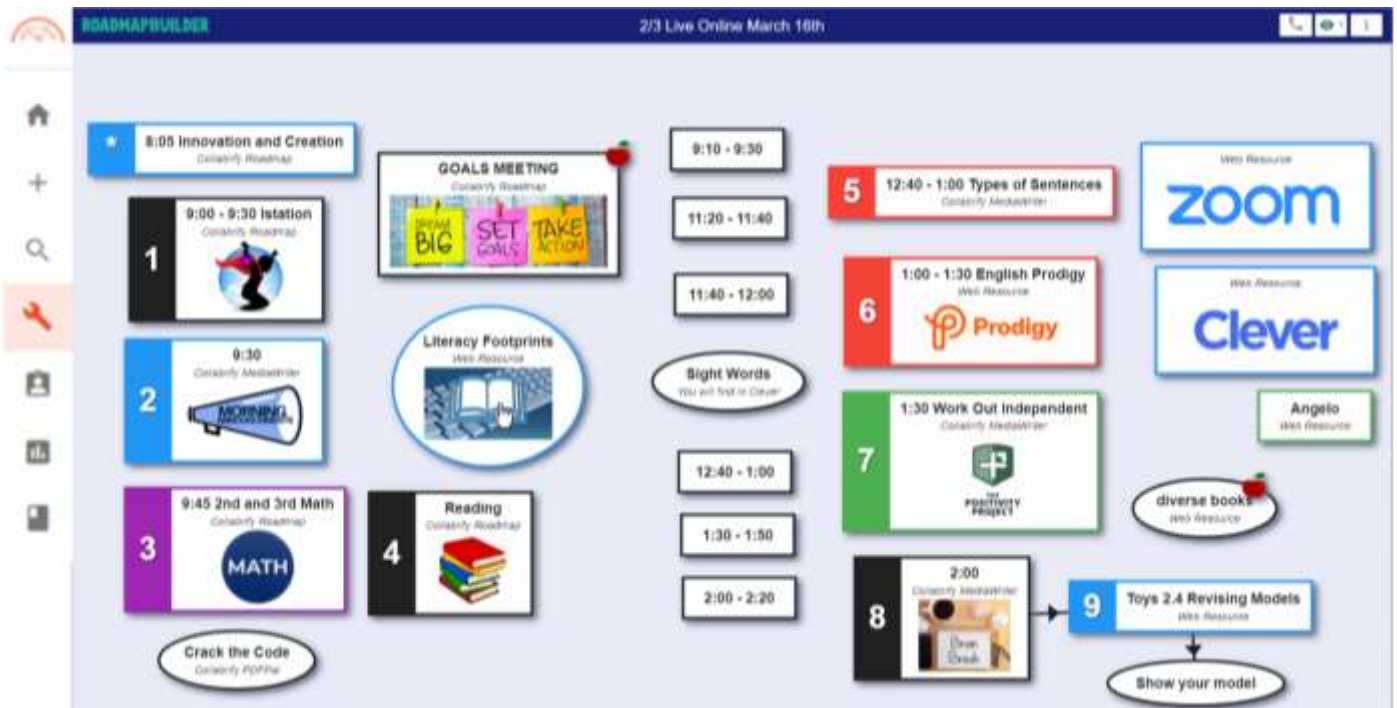
² Please read our OpEd in the Detroit Free Press: <https://tinyurl.com/OpEdDetroitFreePress>

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Roadmap Lesson – Developed by a 4th Grade Teacher to Honor “Constitution Day”

Students click on a node, the node opens (e.g. “What is the US Constitution”), student clicks on “LAUNCH ACTIVITY” and the student is taken to the learning activity linked to that node (see “Instructions” for the student). The student can tap the speaker icon and the instructions are read to the student. There are many such scaffolds in Collabryfy!



Roadmap Daily Schedule – Actual Schedule from a Remote-Only 2nd/3rd Grade Class

In addition to incorporating OER curricula resources, Roadmaps can be used to organize curricula from commercial vendors. In the above Roadmap, curricula from iStation, Prodigy, Clever, Literacy Footprints, Savvas math, XtraMath are integrated with interactive learning activities using Collabryfy MediaWriter, Collabryfy PDFpal (an easy-to-use, but powerful PDF markup tool that even supports collaboration on worksheets), etc. The nodes with the “apple icon” appear only on a teacher’s Roadmap. We like to say that Roadmaps have “everything in one place.” The Collabryfy toolbar on the left supports, for example, a teacher distributing Roadmaps for solo or collaborative enactment, and monitoring, in real-time, what the students are doing inside their Roadmaps.