

100Kin10

ANSWERING THE NATION'S STEM CHALLENGE

GUIDE TO CRAFTING YOUR 100Kin10 COMMITMENT



JOINING THE 100K_{IN}10 MOVEMENT

CONGRATULATIONS ON YOUR NOMINATION TO 100K_{IN}10. This guide focuses on information that will help you understand the **100K_{IN}10** application process and complete the application form. In particular, it focuses on what it takes to create the strongest possible commitment(s) given your organization's unique strengths and assets.

ONLINE SUBMISSIONS ARE DUE BY NOVEMBER 25, 2011, AND APPLICANTS WILL BE SELECTED AND NOTIFIED BY MID-JANUARY 2012.



ABOUT 100K_{IN}10

100K_{IN}10 is a multi-sector mobilization that responds to the national imperative to train 100,000 excellent science, technology, engineering, and math (STEM) teachers over the coming 10 years. It is designed as an invitation to all interested stakeholders—from federal agencies to states, museums to corporations, universities to school districts, non-profits to individuals—to look at their unique resources and assets and apply them creatively and strategically to address the nation’s shortage of excellent STEM teachers and to improve STEM learning for all students.

100K_{IN}10 partners take action by **INCREASING THE SUPPLY OF EXCELLENT STEM TEACHERS; HIRING, DEVELOPING, AND RETAINING EXCELLENT STEM TEACHERS;** and **BUILDING THE 100K_{IN}10 MOVEMENT.** All partners bring content expertise and programmatic or funding capacity to advance the initiative and will have access to an ambitious R&D platform designed by the University of Chicago Urban Education Institute (UEI), which will provide learning tools to spur continuous improvement for all partners.

A complete [list of partners](#), their [commitments](#), and general information about **100K_{IN}10** are available on our [website](#).



SUPPORT FOR 100KIN10

“President Obama and I believe that recruiting and preparing 100,000 excellent, new teachers in the STEM fields is essential for our students’ success in the 21st century knowledge economy. We need an all-hands-on-deck strategy to make this happen. I applaud the work of Carnegie Corporation and the Opportunity Equation and the 80 organizations including corporations, universities, non-profits, states, and districts that are coming together under the banner of ‘100KIN10’ to provide our students with a world-class education in the STEM subjects.”

SECRETARY OF EDUCATION, ARNE DUNCAN / SEPTEMBER 2011

“We see 100KIN10 as a unique partnership that is addressing one of the most important issues in our nation today - the need for high-quality STEM teachers for all of our students.”

LAUREN B. DACHS / PRESIDENT / S.D. BECHTEL, JR. FOUNDATION

“It will take all of us to improve STEM education in this country, but teachers have front-row seats, since they are with students every day and are in a unique position to influence and inspire them. Both of my parents were middle school teachers, so I’ve seen first hand what a profound impact an enthusiastic, dedicated teacher can have on a student’s life.”

LELAND MELVIN / ASSOCIATE ADMINISTRATOR FOR EDUCATION / NASA

WHY JOIN?

100KIN10 is an opportunity to put your leadership, expertise, and vision to work on a national stage.

The magnitude of change our country needs in STEM learning is enormous. Rising to this challenge demands multi-sector collaboration to create urgency, will, and capacity. By working together, we can catalyze a transformation in the nation's approach to STEM learning and expand opportunities for millions of students.

100KIN10 is a chance to do just that. To the right are additional reasons to join us.



FUNDING: Partners will have access, through a common application form, to funding to support their efforts through the **100KIN10** funders' collaborative. The application for funding will be available in late 2011.



BEST-IN-CLASS R&D: Through the learning and R&D platform created in partnership with UEI, partners will have access to emerging best practices and groundbreaking innovations, as well as overall data on the initiative, to enable continuous improvement for all partner organizations. In addition, partners will have the opportunity to apply to work with UEI-deployed research teams.



WHY JOIN?



VISIBILITY: Partners will be recognized as key players in the **100Kin10** movement, part of an elite group of organizations vetted by UEL and taking leadership on this national challenge. Partners will also be mentioned in public materials and highlighted on the **100Kin10** website.



ACCESS: Highly-engaged and committed partners will receive select access to special high-profile events, education leaders, and networks. Examples include the Clinton Global Initiative and briefings from the White House and U.S. Secretary of Education.



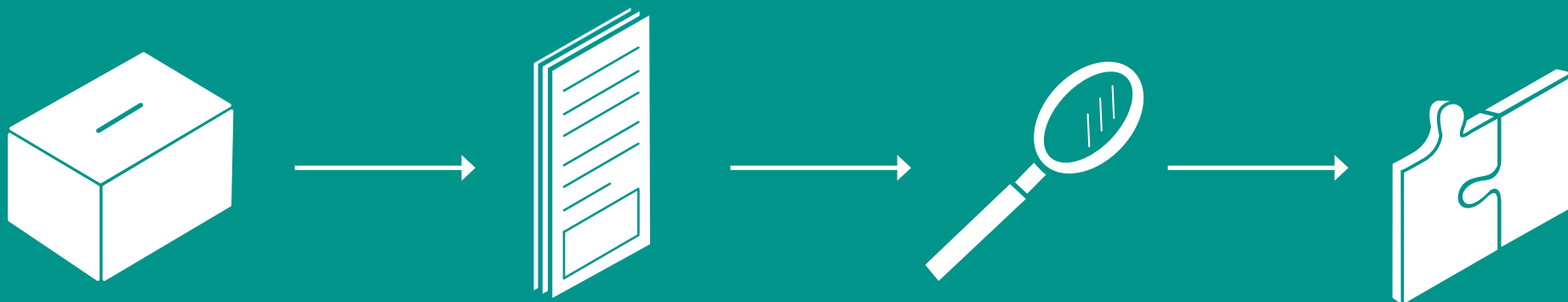
LEADERSHIP: Partners become leaders in a national movement to recruit, train, and retain excellent STEM teachers and sharpen the nation's competitive edge. Partners will also have opportunities to play leadership roles within **100Kin10**.



COMMUNITY: Partners have access to and will build the **100Kin10** community, including exclusive workshops and resources to increase impact and opportunities for collaboration.



STEPS TO BECOMING A PARTNER



1 NOMINATION:

Currently, potential partners must be nominated by an existing **100Kin10** partner in order to apply. The **100Kin10** movement is populated by a cross-sector group of organizations, among them charter and other public schools, federal and state leaders, museums, and universities. Organizations must be committed to STEM initiatives that promote excellent teaching.

2 APPLICATION:

Once nominated, you can submit an application for partnership to **100Kin10**.

Applications ask for a bold and innovative commitment that your organization can contribute to the **100Kin10** movement – a commitment that goes beyond the existing scope of your work and that leverages your organization's unique assets in tackling the STEM teacher challenge.

3 VETTING:

Applications are vigorously vetted in a process led by UEI. All **100Kin10** partners must be approved by UEI.

4 PARTNERSHIP:

Once accepted as a partner in the **100Kin10** movement, you become part of a community of best-in-class organizations with access to an exclusive funding marketplace and an ambitious R&D platform designed to drive improvements across partners and the field.



SELECTION CRITERIA

Completed applications will be evaluated by the University of Chicago Urban Education Institute (UEI), which vets all partners. UEI staff will review and rank the strength of each section of your application using the following criteria:

1. How well does your commitment advance the goal of the **100Kin10** commitment category to increasing the supply of excellent STEM teachers; hiring, developing, and retaining excellent STEM teachers; and building the **100Kin10** movement?
2. Does your application reflect an awareness of the STEM education landscape? Does your proposed commitment build upon or complement work being conducted by other organizations in pursuit of the **100Kin10** goals?
3. How well does the application communicate your organization's capacity to fulfill your commitment with excellence during the stated length of time? Are existing or projected resources specified to accomplish the proposed work in the given time frame?
4. How innovative is the proposed commitment? How will the commitment contribute to the ongoing identification and sharing of new knowledge, best practices, and new models across all sectors involved with **100Kin10** (e.g., industry, non-profit, academia and higher education, research, and government)?
5. What are the ways in which your organization's leaders will contribute to the **100Kin10** movement?



WHAT DOES IT MEAN TO MAKE A COMMITMENT?

Your application is centered around your organization's proposed commitment to **100KIN10**. Commitments are creative and innovative responses to our shared goal of 100,000 new, excellent STEM teachers in 10 years. Commitments showcase intentions your organization has in working towards our unified goal and your organizational capacity to deliver on your commitment with excellence, even if you may need supplemental funding in order to achieve the full scope of your commitment.

UEI reviews all commitments for excellence to ensure that they meet the following criteria:

- **REPRESENT** a new area of work for the organization or an expansion of existing work
- **INNOVATE** upon best practices and introduce a new approach to answering our nation's need for enhanced STEM talent, support, and knowledge
- **BEST LEVERAGE** the organization's unique strengths and resources
- **USE DATA** and other measures to reflect progress



SAMPLE COMMITMENTS

INCREASE SUPPLY

THE ALGEBRA PROJECT will recruit and prepare 1,000 math teachers in 10 years, from Algebra Project and Young People's Project networks, to increase the academic achievement of the most struggling students through proven materials and pedagogy.

THE WOODROW WILSON NATIONAL FELLOWSHIP FOUNDATION will recruit 1,200 new STEM teachers as Woodrow Wilson Fellows by 2015. These Fellows will commit to teach in a high-need urban or rural school for at least three years.

TEACH FOR AMERICA will recruit 11,000 STEM corps members by 2015 and connect high potential applicants who have a STEM background but do not meet Teach For America's selection criteria with other opportunities to be involved in STEM education.

RETAIN EXCELLENCE

UNIVERSITY OF WASHINGTON will develop video-based learning tools designed to foster the early-career success of STEM teachers and will measure and assess their efficacy through performance assessments, retention rates of new teachers, and impact on student learning.

GOOGLE will partner to build out a blueprint for a high-profile recognition program for the top 5% of STEM teachers nationwide.

MUSEUM OF SCIENCE AND INDUSTRY will prepare 600 middle-school science teachers in high-need Chicago-area schools by 2016, moving them toward a middle-school science endorsement from the Illinois State Board of Education and/or a Masters of Science Education.

BUILD THE MOVEMENT

GULF OF MAINE RESEARCH INSTITUTE will lead a systems design process to reimagine Maine's science learning environment, rally the state's thought leaders to ensure that all Maine students achieve science literacy, and assist other states to adapt this model to address STEM needs.

THE STATE OF MARYLAND will build a model for effective partnerships, innovative statewide initiatives, and targeted investments for STEM teacher preparation and support to help better prepare Maryland residents and companies for the New Economy.

DONORSCHOOSE.ORG will inspire 50,000 everyday citizens to invest in STEM teacher innovation at public middle and high schools by Spring 2014, delivering \$15M in critical STEM classroom resources to 600,000 students nationwide.



DESIGNING YOUR COMMITMENT

Many current partners designed their bold commitments through a process that involved the prompts listed on the following slides. These slides may help to spark your thinking about the commitment your organization can make to the **100KIN10** movement. Please keep in mind that **100KIN10** commitments must be 250 characters or less each* (not including spaces), though the commitment itself can and should be expanded on in greater detail in the application.

*You may submit multiple commitments within the same application.



LOOKING AHEAD 10 YEARS

We have 100,000 new, excellent STEM teachers and are supporting thousands more to excellence.

WHAT NEEDS TO HAVE HAPPENED FOR THIS TO BE TRUE?

A large white rectangular box with a thin black border, intended for a response to the question above. It occupies the lower half of the slide.

LOOKING AHEAD 10 YEARS

We have 100,000 new, excellent STEM teachers and are supporting thousands more to excellence.

WHAT ARE THE THINGS THAT ORGANIZATIONS LIKE YOURS MIGHT HAVE CONTRIBUTED TO GET THERE? (Developing an idea doesn't necessarily mean you would want to take responsibility for it.)



LOOKING AHEAD 10 YEARS

We have 100,000 new, excellent STEM teachers and are supporting thousands more to excellence.

WHAT TANGIBLE ACTION(S) DO YOU FEEL YOUR ORGANIZATION CAN TAKE TO HELP REACH THIS GOAL?

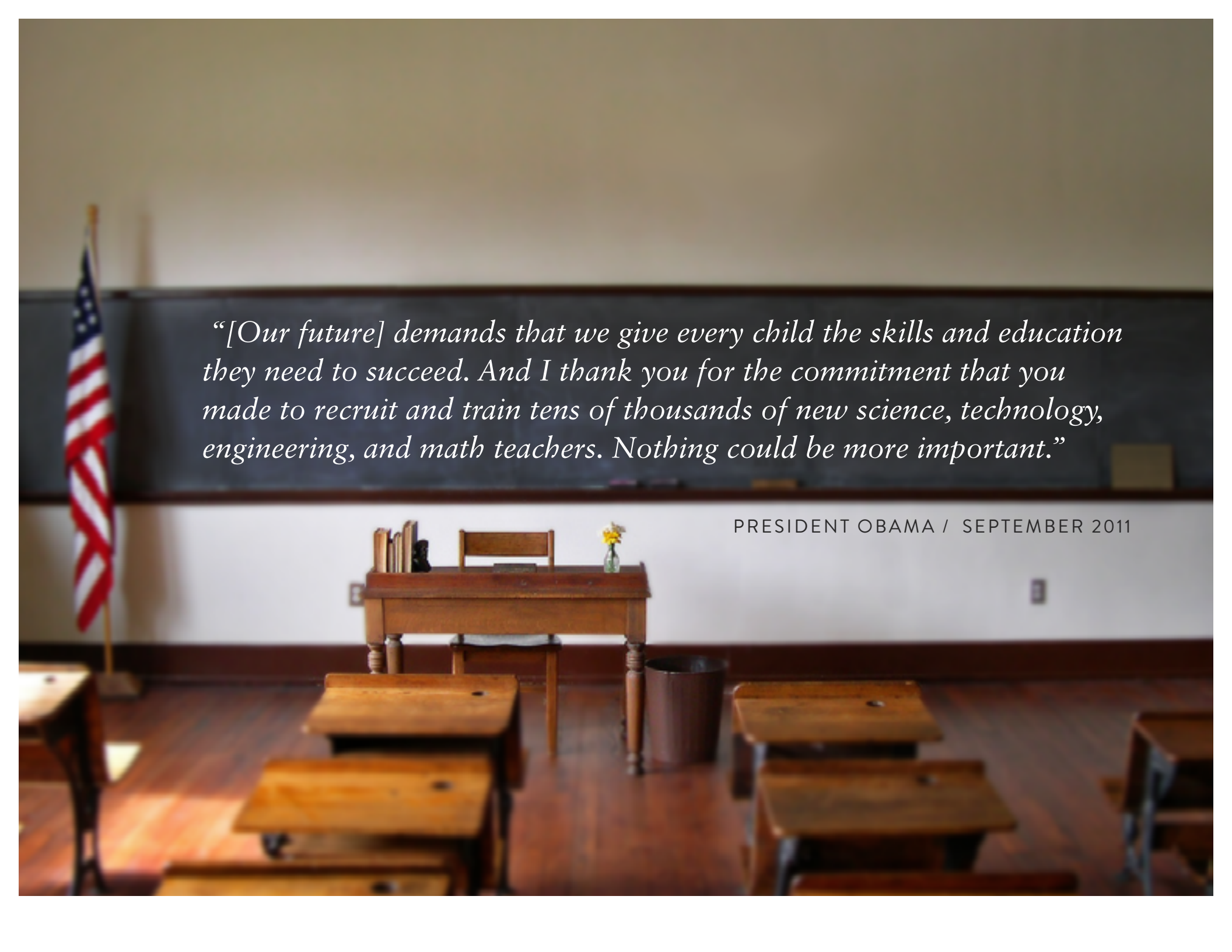


CONTACT

Our current partners know what it takes to make a strong commitment to **100KIN10**. Please reach out to those who nominated you for their guidance during the application process.

If you are not sure who to contact, or for additional support, please e-mail us at info@100KIN10.org.



A photograph of an empty classroom. In the foreground, several rows of wooden desks are visible. In the center, there is a teacher's desk with a chair, a small vase of yellow flowers, and some books. Behind the teacher's desk is a large chalkboard. To the left of the chalkboard, an American flag stands on a pole. The room has a warm, slightly dim lighting.

“[Our future] demands that we give every child the skills and education they need to succeed. And I thank you for the commitment that you made to recruit and train tens of thousands of new science, technology, engineering, and math teachers. Nothing could be more important.”

PRESIDENT OBAMA / SEPTEMBER 2011