

What is ANI?

ANI is an eight month, interactive, hybrid (online + face-to-face) professional development initiative focused on effective numeracy instruction for adult learners. As a gatekeeper for further education and training, and an essential factor in employability and career options, mathematics skills are of extreme importance to adult learners. ANI provides an opportunity for Adult Education teachers to participate in a proven and effective national initiative and improve the quality of numeracy instruction in Indiana.

What are the program objectives?

- Strengthen participants' math content knowledge through training and peer interaction.
- Implement new, effective adult numeracy instructional strategies in participants' classrooms.
- Increase participants' confidence in teaching numeracy and higher level math.
- Relate participants' math content to the various contexts in which adults play a role or aspire to (e.g., further education, workplace, community or family.)
- Expand networking and collaborative opportunities with participants' peers.
- Contribute to an ongoing, statewide virtual community for professional networking, general communication, and sharing resources related to numeracy.
- ANI uses a curriculum that focuses on four strategic instructional practices:
 - **Connections** among mathematical ideas and recognizing and applying mathematics in contexts outside of mathematics.
 - **Communication** of mathematical thinking, analyzing and evaluating the thinking and strategies of others, and attending to precision.
 - **Mathematical proficiency** that includes conceptual understanding, procedural fluency, strategic competence, adaptive reasoning, and a productive disposition.
 - **All content strands at all levels**, which involves incorporating increasingly sophisticated concepts of number sense; geometry; data, statistics, and graphs; and algebra at each level of math instruction.

How will I benefit?

- Increase your math content knowledge, improve the quality and effectiveness of your instructional strategies, and improve your confidence and comfort in teaching numeracy to adult learners.
- Improve outcomes for your learners through more effective instruction.
- Expand your networking, resource sharing, and collaboration in an ongoing online community of peers.
- Earn a certificate of completion which can be used for 64 Professional Growth Points. (Please note that one classroom hour is worth one Professional Growth Point).
- Lodging in Indianapolis will be provided for all in-person meetings. Lunch will also be available at each in-person meeting. Programs are responsible for all other costs.

Who can participate?

Any Adult Education teacher who wants to increase his or her math knowledge, content, and instructional strategies is encouraged to apply. The curriculum is intended to be implemented immediately, so only those who currently teach will be considered, however any level of experience in teaching math is welcomed. Up to 24 individuals will be selected to participate. Teachers are encouraged to apply with a partner teacher from the same or a nearby program. If a teacher does not apply with one, a partner will be assigned at the first in-person training.

What is required of teachers involved?

- Participants should be prepared to make a commitment for the entire program (dates listed in the calendar below):
 - Approximately 75 hours of work spread out over eight months, including travel to Indianapolis for full-day events, online webinars, surveys, readings, self-assessments and reflections via an online virtual community, travel and time for peer observations, and culminating partner presentations.
- Participants must complete an online application (<https://www.surveymonkey.com/s/20142015ANI>) and obtain approval and support from their program administrator

What is required of administrators?

- Administrators should anticipate approximately 23 hours of time participating in activities, including travel to Indianapolis for two, full-day trainings, a teacher observation and reflection, webinars and surveys.*
 - Attend the introductory webinar**
 - Complete the pre- and post-training surveys
 - Attend the first full day of ANI Institute #1 and the second full day of ANI Institute #3
 - Observe participating teacher at least once throughout the year, sharing observations and reflections with ANI trainers

*Administrators who have already participated in ANI may allow a proxy to complete these requirements.

**Applies only to those administrators participating in ANI for the first time.

- Administrators should also provide support for participants throughout the year, including providing participants with time for completing ANI work and peer observation requirements.

ANI Calendar of Events		
Date	Time/Location	Description
September 5, 2014	N/A	Application deadline
September 12, 2014	N/A	All applicants will be notified of final decisions.
September 26, 2014	2:00 pm to 4:00 pm	Introductory Webinar
October 16 & 17, 2014	9:00 am to 4:00 pm Government Center - Indianapolis, IN	ANI Institute #1
October 31, 2014	3:00 pm to 4:00 pm	1-hour Webinar
December 5, 2014	3:00 pm to 4:00 pm	Peer Observation Webinar
December – February 2014	N/A	Peer Observations
February 19 & 20, 2015	9:00 am to 4:00 pm Government Center - Indianapolis, IN	ANI Institute #2
March 6, 2015	3:00 pm to 4:00 pm	1-hour Webinar
March – May 2015	N/A	Peer Observations
May 21 & 22, 2015	9:00 am to 4:00 pm Government Center - Indianapolis, IN	ANI Institute #3
June 5, 2015	2:00 pm to 4:00 pm	2-hour Final Webinar

Application Process:

- Interested teachers should first review the participation requirements with their program administrators. Individuals should allow themselves approximately 45 minutes to complete the application. *Applicants can preview the online application questions here <http://www.amplifyae.org/view/adult-numeracy-initiative>
- The application must be completed in its entirety. All applications must be submitted online and can be accessed here: <https://www.surveymonkey.com/s/20142015ANI>.
- **Applications will be accepted until 5:00 pm on 9.5.14.**
- Questions about this professional development can be sent to: DWDAdultEdPD@dwd.in.gov