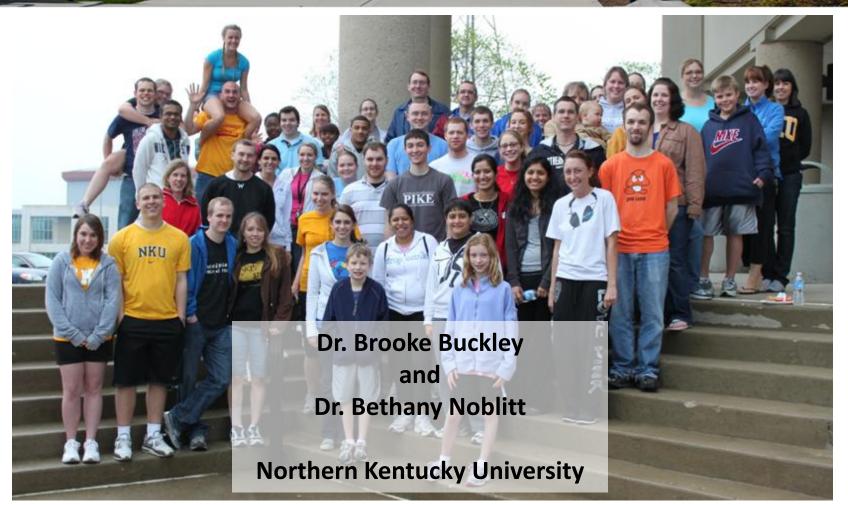
THE AMAZING MATHEMATICAL RAMAZING



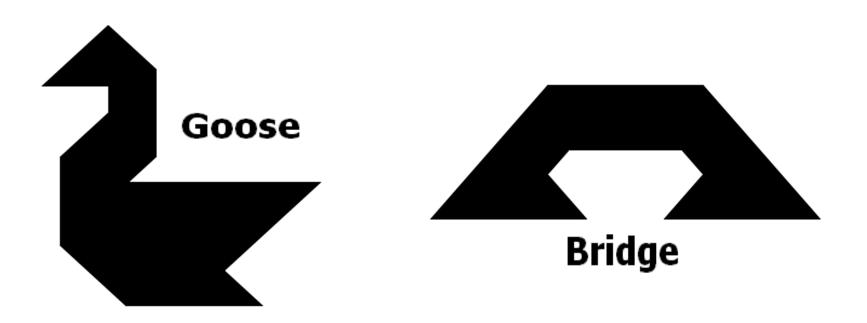
THE AMAZING MATHEMATICAL RAMACINATICAL RAMACINATI

The Amazing Mathematical Race was designed to celebrate Math Awareness Month each April.

- Spring 2009 8 teams, 32 participants
- Spring 2010 17 teams, 50 participants
- Spring 2011 19 teams, over 60 participants

Challenge 1 — Tangrams

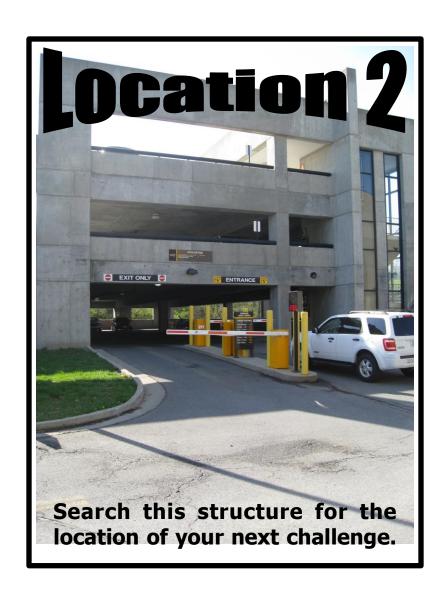
Challenge 1: Put the tangram puzzle pieces together to make one of the following pictures.

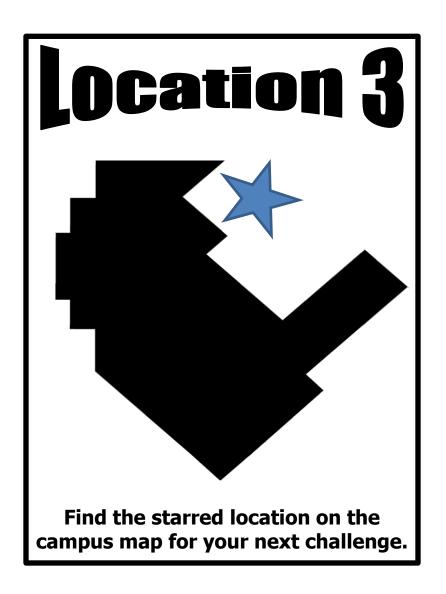






Location Clues





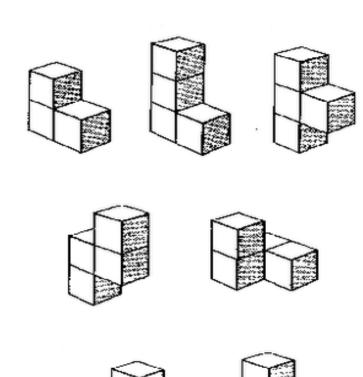
Challenge 2 – Abacus

Challenge 2: What number must be added to the quantity shown on the giant abacus to make the sum total 10,000? Fill in your answer on the abacus below.

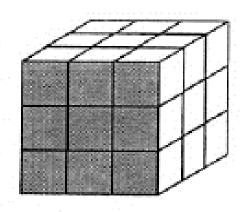
If you are correct, your challenge captain will mark your passport with a checkmark and give you the location to your next clue. If you are incorrect, you may continue to try to solve the problem until you either get the solution or you choose to accept an X on the challenge.



Challenge 3 – Soma Cubes



Challenge 3: Arrange the seven Soma pieces into a 3x3 cube.





Details

- The Start
- Challenge Stations
- Short Cut
- The Finish

Team Number 1

1 2 3 4 5 6 7 8 9 10

Team Number 2

2 3 4 5 6 7 8 9 10 1

Details

- The Start
- Challenge Stations
- Short Cut
- The Finish

Improvements that we made

- Removed time limits on challenges
- Added time limit on race
- More hands-on challenges

Tips when planning a race

- Challenge Captains need a list of teams
- One volunteer needs to be the Race Leader
- Have cell phones available
- More than one challenge per challenge captain
- Have a prize
- Have a sign up deadline
- Have a meeting with the challenge captains
- Give hints
- Short cut is optional
- Can be adapted for different age levels, different locations and different lengths



Read about it

You can read more about our Amazing Mathematical Race in the September 2011 issue of the Mathematics Teacher published by NCTM.





Get more information

For sample participant instructions, passports and challenges for the Amazing Mathematical Race visit www.kctm.org/TAMR

