

# Math Circles 2011 Schedule

FloMath: Girls

GaussMath: Boys

## Monday, July 11

9:30

Combined welcome/refreshments, **TILT 221**

Introductions by **Jan Nerger**, Dean of Natural Sciences, **TILT 221**

9:45-10:15

History Lesson, **Tim Penttila**, **TILT 221**

10:15-12:00

FloMath: **Eric Nelson**, Circles in the Sky, **Weber 223**

GaussMath: **Hilary Freeman**, Approximating the Area of a Circle, **Outside & Weber 205**

12:00-1:00

Lunch on the **Oval**, Ultimate Frisbee game

1:00-2:45

FloMath: **Hilary Freeman**, Approximating the Area of a Circle, **Outside & Weber 205**

GaussMath: **Eric Nelson**, Circles in the Sky, **Weber 223**

2:45-3:00

Combined discussion/refreshments, **Weber 223**

## Tuesday, July 12

9:30

Combined welcome/refreshments, **TILT 221**

9:45-10:15

History Lesson, **Tim Penttila**, **TILT 221**

10:15-12:00

FloMath: **Justin Marks**, LOGIC: As Simple as A Implies B?, **Weber 223**

GaussMath: **Huan Wang**, Combinatorics & Probability & Statistics, **Weber 202**

12:00-1:00

Lunch, **Lory Student Center**

1:00-2:45

FloMath: **Huan Wang**, Combinatorics & Probability & Statistics, **Weber 202**

GaussMath: **Justin Marks**, LOGIC: As Simple as A Implies B?, **Weber 223**

2:45-3:00

Combined discussion/refreshments, **Weber 223**

## Wednesday, July 13

9:30

Combined welcome/refreshments, **TILT 221**

9:45-10:15

History Lesson, **Tim Penttila**, **TILT 221**

10:15-12:00

**FloMath**: **Treasure Hunt**

**GaussMath**: **Cassie Williams**, To Be Square or not to be Square, **Weber 223**

12:00-1:00

Lunch: **Lory Student Center**

1:00-2:45

**FloMath**: **Cassie Williams**, To Be Square or not to be Square, **Weber 223**

**GaussMath**: **Treasure Hunt**

2:45-3:00

Combined discussion/refreshments, **Weber 223**

## Thursday, July 14

9:30

Combined welcome/refreshments, **TILT 221**

9:45-10:15

History Lesson, **Tim Penttila**, **TILT 221**

10:15-12:00

**FloMath**: **Dan Bates**, Geometry of Conic Sections, **Weber 202/205**

**GaussMath**: **Chris Peterson**, Knot Theory and Topology, **Weber 223**

12:00-1:00

Lunch: **Lory Student Center**

1:00-2:45

**FloMath**: **Chris Peterson**, Knot Theory and Topology, **Weber 223**

**GaussMath**: **Dan Bates**, Geometry of Conic Sections, **Weber 202/205**

2:45-3:00

Combined discussion/refreshments, **Weber 223**

## Friday, July 15

9:30

Combined welcome/refreshments, **TILT 221**

History Lesson, **Tim Penttila**, **TILT 221**

10:00-11:30

**Combined Activity**: **Patrick Shipman**, Optimal Design with Soap Films, **NES B302**

11:30-12:00

Wrap-up, Presentation of Certificates, Slide-show, **TILT 221**

*(Parents/Guardians are invited and encouraged to attend)*

**Math Circles End 12 Noon**

A number of Math Circles participants will be going to City Park swimming pool for lunch and a swim. *This is not a Math Circles event since it is off campus, so interested parties must arrange their own transportation.*