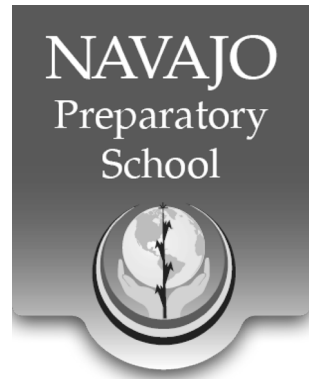


**Alliance of
Indigenous
Math
Circles**



AIMC Math Camp 2018 at Navajo Preparatory

Application Packet Grades 7-12

May 28-June 2, 2018

Navajo Preparatory School, Farmington, NM
Residential Camp

Application Checklist

A complete application must include:

- ✓ Application Form 2018
- ✓ Letter of Interest (from a student)
- ✓ Emergency Form
- ✓ Appearance Release Form
- ✓ Liability Form

**Your complete
application is due
May 15, 2018.**

Your complete application is due by May 15, 2018.

You can email scanned or photographed copies to

aimathcircles@gmail.com

- or -

You can mail paper copies to Ms. Donna Fernandez, Navajo
Preparatory School, 1220 W. Apache Street, Farmington, NM 87401

AIMC Math Camp at Navajo Prep Application Form 2017

If printed, use pen and print legibly.

STUDENT PORTION

Student's Name: _____ Nickname: _____

Gender: _____ Date of Birth: ____/____/____

School: _____ Grade (2018-2019 school year): _____

Attended AIMC Camp Before? _____ Years attended: _____

Student Signature: _____

TEACHER PORTION

Recommended by (Teacher): _____ Teacher Email: _____

Recommender's Signature: _____ Date: _____

GUARDIAN PORTION

Parents/ Guardian name(s): _____

Mailing Address: _____

Daytime Phone: _____ Email: _____

Parent/ Guardian Signature: _____ Date: _____

Acceptance of application constitutes a learning commitment contract that the student will attend the 2018 AIMC at Navajo Prep Summer Math Camp to be held at Navajo Preparatory School, Farmington, NM May 28 to June 2, 2018. Further, the signatures above indicate that you understand that supervised housing/meals will be provided for the student and that this math camp is offered free of charge and that the student agrees to abide by the rules and regulations of the camp. The camp reserves the right to send a student home for any reason.

AIMC Math Camp at Navajo Prep

Letter of Interest

(to be completed by the student)

If printed, use pen and print legibly.

Please, tell us:

1. Why does Math Camp and mathematics interest you?

2. What are your future goals (in school and beyond)?

3. Anything else you want to share with us.

AIMC Math Camp at Navajo Prep

Emergency Form

(to be completed by the guardian)
If printed, use pen and print legibly.

Information valid from May 28 -June 2, 2018

Student Name: _____ Date: _____

The information on this card will be held confidential for use in case of an emergency.

In case of an emergency, please contact:

Name: _____ Phone1: _____

Relationship: _____ Phone 2: _____

Name: _____ Phone 1: _____

Relationship: _____ Phone 2: _____

Please list any significant health conditions that we should be aware of. For example, allergies (including allergies to medications or food), diabetes, heart or circulatory conditions, epilepsy.

Please list any medications your child is currently taking including the name of the medication, the dosage, and the frequency of use.

AIMC Math Camp at Navajo Prep

Appearance Release Form

(to be completed by the guardian)

If printed, use pen and print legibly.

I authorize Navajo Preparatory School and Navajo Nation Math Circle Project to use any photographs or video taken of me during the AIMC Math Camp at Navajo Prep Summer Math Camp 2018 for the purpose of academic publication, institutional reporting, promotion or visual data collecting, without further compensation to me.

All negatives, positives or digital capture files, together with the prints and video(s) shall constitute the property of Navajo Preparatory School and AIMC, solely and completely.

Name (Print Name) _____

Signature of Student: _____ Date _____

Signature of Parent or Guardian if Minor _____ Date: _____

***** OPT OUT: If you do **not** want any photos or video of your child to be used, sign below.*****

Signature of parent: _____ Date: _____

AIMC Math Camp at Navajo Prep

Summer Math Camp

ATTACHMENT A
CONSENT, RELEASE AND
ASSUMPTION OF RISK
FOR PARTICIPATION IN THE
AIMC MATH CAMP at NAVAJO PREP
Navajo Preparatory School
Farmington, NM
[For participants under 18 years of age]

Student's Name: _____
Family/Last Name First/Given Name Middle Name

Home Address: _____
Street

City State/Country Zip Code

Home Telephone: (____) _____ Birthday: _____
Month/Day/Year

1. I, _____, am the parent or legal guardian of (Child's Name) _____, a minor.
2. I give my permission for my child to participate in the AIMC Math Circles at Navajo Prep on May 28, 2018- June 2, 2018 at Navajo Preparatory School, Farmington, NM.
3. The activities of the Navajo Math Circles Summer Camp are attached in the Program Schedule.
4. I understand that there are inherent risks of injury, serious bodily harm, or death associated with the Event. In particular, the risks of the Event include, but are not limited to, personal physical injury, equipment malfunction and/or failure, damage to property, actions of other people, and other injuries arising out of or connected with my child's participation in the Event.

**READ THE FOLLOWING PARAGRAPHS CAREFULLY - BY
SIGNING YOU WILL BE WAIVING LEGAL RIGHTS**

5. In consideration my child of being allowed to participate in the Event, I expressly agree to accept and assume all such risks including personal injury and death, arising in any way out of my child's participation in the Event. I elect to allow my child to participate in the Event despite the inherent risks.
6. In consideration of the benefit my child will receive from participating in the Event, I hereby agree, on behalf of myself and on behalf of my assignees, descendants, dependents, heirs, next of kin, distributees, parents, guardians, executors, administrators, successors, estate, and legal or personal representatives, to release and discharge and promise not to sue Navajo Preparatory School and AIMC and any subsidiary or affiliate or government sponsor of Navajo Prep and AIMC (collectively referred to as "Navajo Preparatory School" and "AIMC"), as well as any person acting in his/her capacity as employee, officer, trustee, agent, contractor, or representative of from and with respect to any and all claims, demands, actions, suits, causes of action, and liabilities of whatever kind or nature in law, equity or otherwise, that may arise

AIMC Math Camp at Navajo Prep

Summer Math Camp

ATTACHMENT A (Page 2)

from, are related to, or are in any way connected with the Event, including injury, death, damage or loss, whether it results from the negligence of Navajo Prep and AIMC and/or any other Released Parties, or from any other cause, provided, however, that this does not extend to gross negligence, willful misconduct or a violation of law by Navajo Prep, AIMC or any other Released Parties.

7. I agree to indemnify and hold harmless Navajo Prep and AIMC, its trustees, officers, employees, insurers and agents from all loss, expense (including attorneys' fees), fines, proceedings, suits, claims, damages, actions, judgments of any nature whatsoever arising out of or in any way connected with the Event. I understand and agree that if a claim, suit, or attachment is brought or sought against me as a result in any way of my child's participation in the Event, I shall not be entitled to any defense or indemnification by Navajo Prep and AIMC in connection with such claim, suit, or attachment

8. In the event that my child should sustain injuries or illness while involved in the Event, I authorize Navajo Prep and AIMC to administer, or cause to be administered, such first aid or other treatment as may be necessary under the circumstances, to include treatment by a physician or hospital of Navajo Prep's choice. I accept full responsibility for any medical expenses incurred as a result of these actions.

9. During the Event, my child may create art or literary work, and/or photographs and videos of the participants may be taken. I hereby grant to Navajo Prep and AIMC the right, without fee, to make and use such art or literary work and/or photos and/or video tape recordings of my child in connection with the Event or in any manner or form and for any lawful purpose at any time.

10. This Agreement shall be governed by, construed and interpreted in accordance with the laws of the State of New Mexico.

11. I represent and warrant that I have the full right, power and authority to enter into and execute this Consent, Release and Assumption of Risk (this "Release") and to grant all rights granted under it.

I HAVE CAREFULLY READ THIS CONSENT, RELEASE AND ASSUMPTION OF RISK AND FULLY UNDERSTAND ITS CONTENTS. I AM AWARE THAT THIS IS A RELEASE OF LIABILITY, AN ASSUMPTION OF RISK, AND A PROMISE NOT TO SUE OR MAKE CLAIM, AND I SIGN THIS OF MY OWN FREE WILL.

I DECLARE UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF NEW MEXICO THAT THE FOREGOING IS TRUE AND CORRECT.

Executed this ____ day of _____ 2016, at _____ County, New Mexico.

Signature of Parent
or Legal Guardian: _____

Printed Name: _____

YOUR CHILD WILL NOT BE ABLE TO PARTICIPATE IN THE EVENT UNTIL THIS SIGNED FORM HAS BEEN RECEIVED BY NAVAJO PREPARATORY SCHOOL.

AIMC Math Camp at Navajo Prep

Sample Problems

These give a “taste” of the kinds of problems that we like at the AIMC Math Camp at Navajo Prep. You do NOT need to include solutions to these in your application. We just give these to you as gifts from us, but also to give you a sense of what kind of math we do.

Problem 1.

Three pirates were sharing a pile of gold coins. The first pirate took $\frac{3}{7}$ of all coins. The second one took 51% of the remaining coins. The third one took all the rest. It turned out that the third pirate received 8 less coins than the second one. How many coins were in the pile?

Problem 2.

Andy’s grandma placed 5 small pots in a row and poured 3 pounds of honey in the pots. The amount of honey in each pot can be the same or different and some pots can remain empty. Andy can take any two adjacent pots. What is the largest amount of honey that Andy is guaranteed to get?

Problem 3.

The inhabitants of the Island of Many Colors are colorful and intelligent lizards. Some of them always tell the truth while others always lie. Three lizards said:

A: Our island does not have any blue lizards.

B: A is a liar. He is a blue lizard himself!

C: Of course, A is a liar. But he is a red lizard.

Does the Island of Many Colors have blue lizards?