

# NDEPSCoR & NATURE STEM SUMMER CAMPS

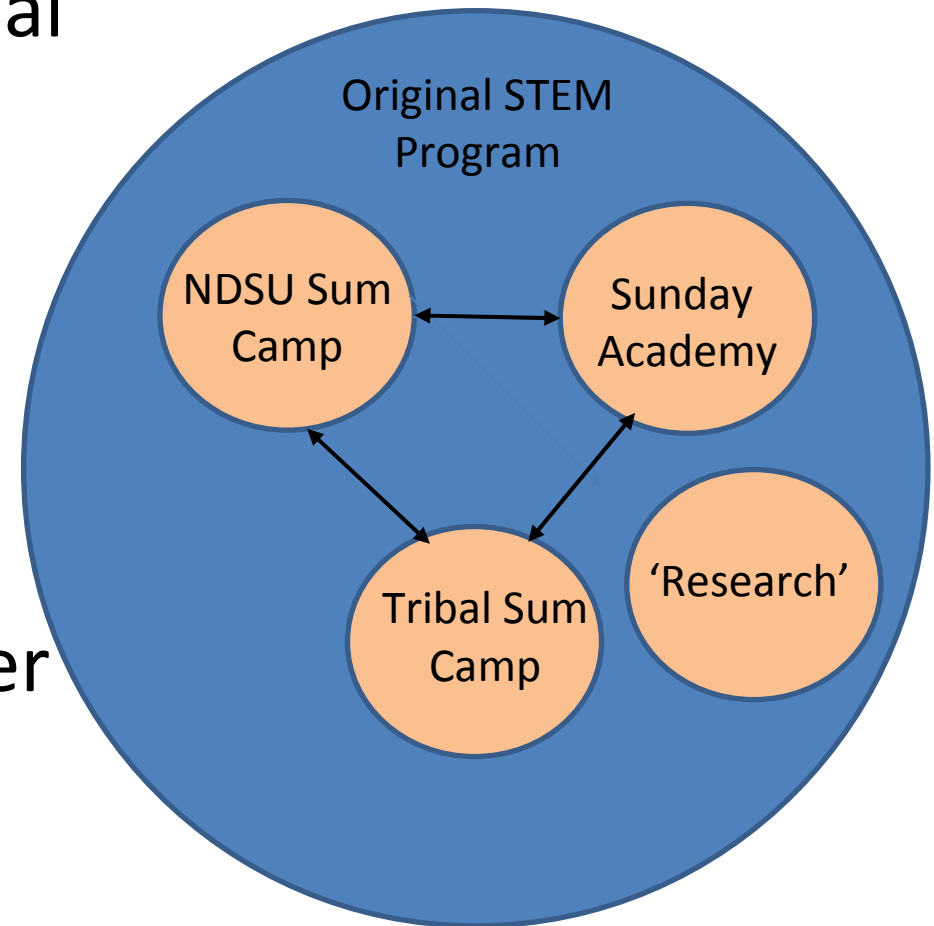
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# STEM SUMMER CAMPS (SSCs)

- Background
- Objective
- Organization
- Participants
- Resources
- Timing
- Results

# SSCs Background

- Component of Original STEM program
- Intent was to start slow, only one year with a single tribal camp
- 'Research' added later



# SSCs Objectives

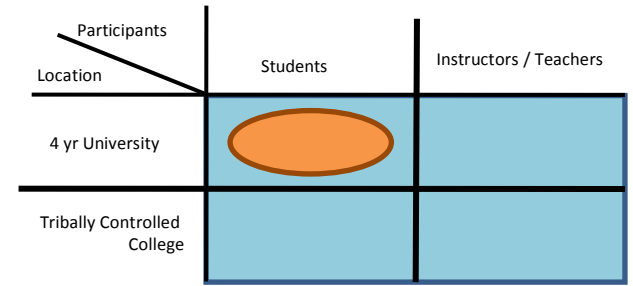
- Introduce Participants to facilities & opportunities at NDSU / UND
- Introduce Participants to facilities & opportunities at Tribal Colleges
- Provide Summer Learning Support for Students
- Provide Opportunity for Instructor/Teacher Curriculum development
- Provide experiences to faculty at 4yr university

# SSCs Organization

- 2X2 Arrangement
- Each Sector Somewhat Autonomous
- Set-up with TCC & University


Participants	Students	Instructors / Teachers
Location	I	II
4 yr University	IV	III
Tribally Controlled College		

# SSCs Participants: Students Sector I




- HS Graduates or TCC Students
- Stay in dorms
- Do Daily Math & Writing guided activities
- Tour Campus & local STEM employment sites
- Do local social activities, see support system
- Work with University Profs on 3-day research project to:
  - Learn Methods, Make acquaintances, Present to peers

# SSCs Participants: Students Sector IV

Participants	Students	Instructors / Teachers
Location		
4 yr University		
Tribally Controlled College		

- Middle School & High School Students
- Stay at home, Travel in each morning
- Sometimes Do Daily Math & Writing activities
- Tour local STEM employment site / Tech applications
- Work with Instructors/teachers on 6 activities to:
  - Have Fun, Learn Methods, Make acquaintances, Present to peers

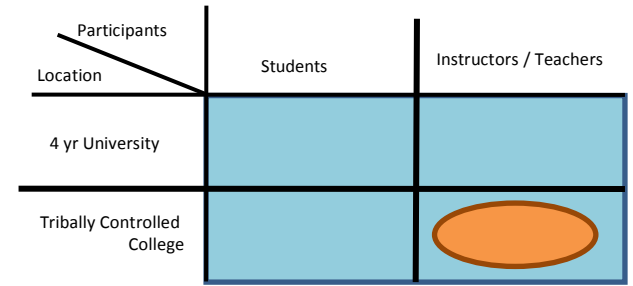
# SSCs Participants: Instructors / Teachers, Sector II

Participants	Students	Instructors / Teachers
Location		
4 yr University		
Tribally Controlled College		

- Instructors from TCC's & Teachers from HS, Guided/Supported by University Proffs & staff
- 1<sup>st</sup> Wk: Develop Total curriculum for TCC SSC's
- 2<sup>nd</sup> Wk: Develop concepts for Sunday Academies

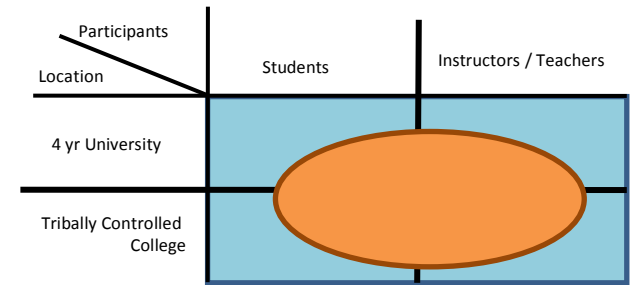
# SSCs Participants: Instructors/ Teachers, Sector III

Participants	Students	Instructors / Teachers
Location		
4 yr University		
Tribally Controlled College		



- Univ. Faculty, TCC Instructors, HS teachers & TCC Students
- Present/Facilitate camp activities developed during University Summer Camp

# SSCs Timing

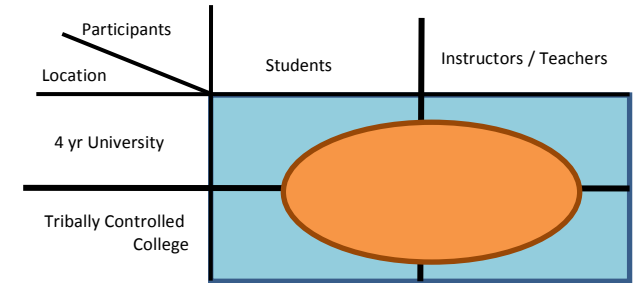


- University Camp: (12 days)
  - Beginning of Summer Break for HS
  - Availability of TCC instructors & Univ. Faculty
  - Campus support options
- TCC Camps immediately after
  - Items fresh / Rush for resources
  - Fit into their schedule
  - Allows for multiple sessions

Time	June 4 (Monday)	June 5 (Tuesday)	June 6 (Wednesday)	June 7 (Thursday)	June 8 (Friday)	June 9 (Saturday)
7:30 am	Students	Students	Students	Students	Students	Students
8:00 am	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
8:30 am	RDC	RDC	RDC	RDC	RDC	RDC
9:00 am	Math Excel	TCC summer camp	Math Excel	Seminar	Math Excel	Finalize TCC
9:30 am						Finalize TCC
10:00 am						Finalize TCC
10:30 am	Room check in	Room check in	Room check in	Room check in	Room check in	Room check in
11:00 am						
11:30 am						
12:00 pm	Lunch RDC	Lunch RDC	Lunch RDC	Lunch RDC	Lunch RDC	Lunch RDC
12:30 pm						
1:00 pm						
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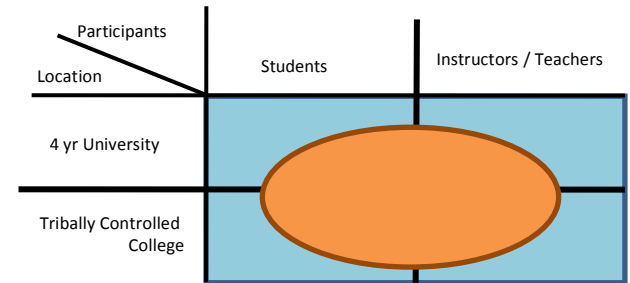
Have a safe trip home  
See you next year

# SSCs Resources



- Student stipends are critical (i.e. Summer Jobs) for students at all levels
- Travel support (in ND at least) is mandatory
- Summer support for teachers/ Instructors & Faculty
- Dorm & Dinning & Lab access needed

# SSCs Results



- Student experiences
- Teacher / Instructor / Faculty connections
- Family –TCC – University connections

