

# III. Idea Matrix

## Idea Matrix

Below you will find several categories of ideas for integrating the new supercomputing center into a new community. Each idea has an idea synopsis, a potential timeframe for implementation, a team contact and a link to more detailed information on the topic.

Timeframe is defined in the following way:

**Construction** - ideas that must be considered during the construction phase

**Short Term** - ideas that can be implement easily and within the first year of opening the center

**Mid Term** - ideas that could be implemented within the first five years

**Long Term** - ideas that require significant planning, resources or collaborations to implement.

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## Facility Features

### Center Features

Synopsis	Timeframe	Team Contact	Details
Alternative energy exhibits	Short Term	Jim VanDyke	 Broken link
Create a tourist accessible facility	Construction	Jim VanDyke	 Broken link
Walkway to Vistors Center	Construction	Jim VanDyke	 Broken link
Operations, Mechanical and Electrical Room Viewing Areas	Construction	Jim VanDyke	 Broken link
Supercomputing Center Systems Health Cove	Short Term	Jim VanDyke	 Broken link
Green Supercomputing Center	Construction	Jim VanDyke	 Broken link
Employee Fitness Center	Construction	Pamela Gillman	 Broken link




### Visitor Center

Synopsis	Timeframe	Team Contact	Details
Science on a Sphere interactive weather exhibit	Short Term	Jim VanDyke	 Broken link
Interact/Hands on exhibit area	Short Term	Jim VanDyke	 Broken link
Visitor Center Gift Shop	Short Term	Laurie Carr	 Broken link
Visitor Center Cafeteria or Snack Shop	Construction	Laurie Carr	 Broken link










Auditorium for Lectures, Conferences and Meetings	Construction	Rebecca Haacker-Santos	 Broken link
Classroom for K-12 programs	Construction	Pamela Gillman	 Broken link
Library	Construction	Pamela Gillman	 Broken link
Art Gallery featuring local artists	Construction	Pamela Gillman	 Broken link

## Center Activities

### Daily Activities




Synopsis	Timeframe	Team Contact	Details
Short movie showcasing the Supercomputing Center	Short Term	Amy Smith	 Broken link
Shuttle service between the Center and downtown	Mid Term	Rebecca Haacker-Santos	 Broken link
Guided and self-guided tours through the Supercomputing Center	Short Term	Amy Smith	 Broken link

### Special Events





Synopsis	Timeframe	Team Contact	Details
Intensive Weather Camp for middle / high school students	Long Term	Pamela Gillman	 Broken link
Robotics classes	Mid Term	Jim VanDyke	 Broken link
Super Science Saturday	Mid Term	Laurie Carr	 Broken link
Egg Drop	Mid Term	Laurie Carr	 Broken link
Involve Warren AFB in Science Activities	Mid Term	Tim Spangler	 Broken link
Light speed computing demo and networking	Mid Term	Jim VanDyke	 Broken link
Volunteer opportunities for local community and students	Mid Term	Amy Smith	 Broken link
Educational Lecture Series for the general public	Mid Term	Amy Smith	 Broken link
Grand opening celebration for the Supercomputing Center	Short Term	Amy Smith	 Broken link

## Publicity

### Media

Synopsis	Timeframe	Team Contact	Details
Effective use of Print Media to introduce NCAR to the Cheyenne community	Short Term	Laurie Carr	 Broken link
Effective use of TV/Radio Media to introduce NCAR to the Cheyenne community	Short Term	Laurie Carr	 Broken link
Walk-through days for media and policymakers during construction	Construction	Laurie Carr	 Broken link

## Supercomputing Center Web Site



Synopsis	Timeframe	Team Contact	Details
Website Showing Construction Progress	Construction	Laurie Carr	 Broken link
Supercomputing Center Logo	Short Term	Laurie Carr	 Broken link
Supercomputing Center Web Site	Construction	Amy Smith	 Broken link
Virtual tour of the Supercomputing Center	Mid Term	Amy Smith	 Broken link






## Tourism

Synopsis	Timeframe	Team Contact	Details
Kiosk in downtown tourist area similar to 29th Street Kiosk	Short Term	Pamela Gillman	 Broken link
Chamber of Commerce	Construction	Laurie Carr	 Broken link
Supercomputing Center information on the Wyoming tourism website	Short Term	Rebecca Haacker-Santos	 Broken link
Supercomputing Center brochures at Wyoming tourism offices	Short Term	Rebecca Haacker-Santos	 Broken link
Frontier Days Booth (maybe combine with next item)	Construction	Laurie Carr	 Broken link
Supercomputing Data Center booth presence at local events and festivals	Short Term	Laurie Carr	 Broken link
Weather Museum featuring exhibits that relate geosciences to the local community	Long Term	Pamela Gillman	 Broken link

## Educational Initiatives

### General Public



Synopsis	Timeframe	Team Contact	Details
Internships for students at the Supercomputing Center	Mid Term	Rebecca Haacker-Santos	 Broken link
Supercomputing Center Scholarships to promising young engineers	Mid Term	Rebecca Haacker-Santos	 Broken link

Local science demos	Mid Term	Amy Smith	 Broken link
Promote environmental awareness	Short Term	Amy Smith	 Broken link
Participate in School Career Days	Short Term	Rebecca Haacker-Santos	 Broken link
Hire local staff/teachers to foster E&O	Mid Term	Rebecca Haacker-Santos	 Broken link
Distance Learning	Long Term	Rebecca Haacker-Santos	 Broken link

## K-12

Synopsis	Timeframe	Team Contact	Details
Introduce science into classes with hands-on supercomputer experiments	Mid Term	Steve Tomczyk	 Broken link
Forums in schools to demonstrate fun and interesting scientific phenomenon	Mid Term	Steve Tomczyk	 Broken link
Provide weather stations to each area school	Short Term	Pamela Gillman	 Broken link
Work with GLOBE teachers in Wyoming	Mid Term	Rebecca Haacker-Santos	 Broken link
Visits to schools	Short Term	Steve Tomczyk	 Broken link
State-wide computing competitions	Mid Term	Steve Tomczyk	 Broken link
Be a sponsor at the Wyoming State Science Fair	Short Term	Amy Smith	 Broken link

## University / Colleges

Synopsis	Timeframe	Team Contact	Details
Make outreach part of joint appointments	Mid Term	Rebecca Haacker-Santos	 Broken link
Collaborate with the Wind River Indian Reservation	Mid Term	Rebecca Haacker-Santos	 Broken link