

FRIDAY, JUNE 28th

Block 1: Custer High School Common Areas

Time (From)	Time (To)	Talk or Activity Description
8:00 AM	5:00 PM	Displays, Other Activities
10:00 AM	11:00 AM	Registration opens
11:00 AM	11:30 AM	Registration throughout the day by Black Hills Parks and Forests Association Displays, vendors, and activities
11:30 AM	12:10 PM	
12:10 PM	12:30 PM	
12:30 PM	1:00 PM	
1:00 PM	1:40 PM	
1:40 PM	2:00 PM	SNACKS FOR PURCHASE DURING BREAK
2:00 PM	2:30 PM	Registration throughout the day by Black Hills Parks and Forests Association
2:30 PM	3:00 PM	Displays, vendors, and activities
3:00 PM	3:30 PM	SNACKS FOR PURCHASE DURING BREAK
3:30 PM	4:00 PM	
4:00 PM	4:30 PM	Registration throughout the day by Black Hills Parks and Forests Association
4:30 PM	5:00 PM	Displays, vendors, and activities
5:00 PM	5:30 PM	
5:30 PM	5:45 PM	

Block 2: Custer High School Theater

Presenter	Talk or Activity Description
Various	Geosciences & Biology
Dr. Art Palmer	Session Introduction
Mike Wiles / NPS Jewel Cave	Jewel Cave Geology
Karl Emmanuel / Black Hills National Forest	Black Hills Karst Modelling; Structural, Stratigraphic and Hydrological constraints
N/A	BREAK
Jessica Lucas / Black Hills National forest	Beyond the Jasper Fire: Post-Fire Watershed Effects and Recovery
Chad Lehman / South Dakota Game Fish & Parks	Hell Canyon Bighorn Sheep Research and Management
Michelle Verant / NPS	Saving bats from white-nose syndrome
N/A	BREAK
Various	Caves & Karst Session
Dan Austin / NPS Jewel Cave	Technological Advancements in Cave Survey and Cartography
Marc Ohms / NPS Wind Cave	150 Miles Beneath the Prairie
Dan Seifert and Adam Weaver / Black Hills National forest	Cave and Karst Management in the National Forest
Dr. Art Palmer	Closing Remarks

Block 3: Custer High School Classroom #XXXX

Talk or Activity Description
Discovery in the Darkness
Jewel Cave Park Film - plays on a continuous loop throughout the day
BREAK FOR LUNCH
Jewel Cave Park Film - plays on a continuous loop throughout the day

Block 4: Custer High School Music Room #XXXX

Talk or Activity Description
Jewel Cave Map
A 36' x 22' map of the cave, displayed on the floor - viewers are allowed to walk on it
BREAK FOR LUNCH
A 36' x 22' map of the cave, displayed on the floor - viewers are allowed to walk on it

6:00 PM	9:00 PM	Ticketed event	CATERER	BBQ Dinner and Social at the Park Visitor Center
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Ongoing Exhibits:
 The Jewel Cave Map - a 36 x 22 foot map of the entire cave system that you can walk on! Displayed on the music room floor during the event
 Discovery in the Darkness: the Jewel Cave park film shown in classroom (TBD) during the event
 Paha Sapa Grotto Squeeze Box
 Rushmore Cave Simulator

SATURDAY, JUNE 29th

Block 1: Custer High School Common Areas

Time (From)	Time (To)	Talk or Activity Description
8:00 AM	5:00 PM	Displays, Other Activities
8:00 AM	8:20 AM	Registration throughout the day by Black Hills Parks and Forests Association Displays, vendors, and activities
8:20 AM	9:00 AM	
9:00 AM	9:40 AM	
9:40 AM	10:00 AM	SNACKS FOR PURCHASE DURING BREAK
10:00 AM	10:40 AM	Registration throughout the day by Black Hills Parks and Forests Association Displays, vendors, and activities
10:40 AM	11:30 AM	
11:30 AM	1:20 PM	
1:20 PM	2:00 PM	
2:00 PM	2:40 PM	
2:40 PM	3:00 PM	SNACKS FOR PURCHASE DURING BREAK
3:00 PM	3:40 PM	Registration throughout the day by Black Hills Parks and Forests Association
3:40 PM	3:50 PM	Displays, vendors, and activities
3:50 PM	4:30 PM	
4:30 PM	4:40 PM	
4:40 PM	6:00 PM	Pre-banquet social

Block 2: Custer High School Auditorium

Presenter	Talk or Activity Description
Various	Science and Exploration Talks
Michelle Wheatley / NPS Jewel Cave	Welcome and Introduction
Dr. Dwight Deal	Jewel Cave, Late 1800s through 1962
Dr. Andreas Pflisch / Bochum Ruhr University, Germany	Cave Climatology Research in Jewel Cave from 2002 to 2019
	BREAK
Jan Conn / Cave Explorer	Jewel Cave Exploration from 1959-1979
Olivia Hershey / University of Akron, Ohio	Microbes of the Madison Aquifer: A view from the lakes of Wind and Jewel Caves
	BREAK FOR LUNCH
Mike Wiles / NPS Jewel Cave	Jewel Cave Exploration from 1979 to 2005
Bill Eldridge / USGS	Groundwater Origins in Jewel Cave
	BREAK
Dan Austin / NPS Jewel Cave	Jewel Cave Exploration from 2005 to Present and the Southwest Splinter Breakthrough
Mike Wiles / NPS Jewel Cave	Jewel Cave Potential
Corissa Busse / The Nature Conservancy	Land exchanges
Michelle Wheatley / NPS Jewel Cave	Closing Remarks

Block 3: Custer High School Classroom #XXXX

Talk or Activity Description
Discovery in the Darkness
Jewel Cave Park Film - plays on a continuous loop throughout the day
BREAK FOR LUNCH
Jewel Cave Park Film - plays on a continuous loop throughout the day

Block 4: Custer High School Music Room #XXXX

Talk or Activity Description
Jewel Cave Map
A 36' x 22' map of the cave, displayed on the floor - viewers are allowed to walk on it
BREAK FOR LUNCH
A 36' x 22' map of the cave, displayed on the floor - viewers are allowed to walk on it

6:00 PM	8:00 PM	Banquet / Keynote Address	CATERER	Custer High School Gymnasium
8:00 PM	12:00 AM	Speleolympics, Music and Mixer	Hosted by the Paha Sapa Grotto	Custer Beacon

Ongoing Exhibits:
 The Jewel Cave Map - a 36 x 22 foot map of the entire cave system that you can walk on! Displayed on the music room floor during the event
 Discovery in the Darkness: the Jewel Cave park film shown in classroom (XXXX) during the event
 Paha Sapa Grotto Squeeze Box
 Rushmore Cave Simulator

SUNDAY, JUNE 30th

Block 1: Custer High School Commons

Time (From)	Time (To)	Talk or Activity Description
8:00 AM	12:00 PM	Displays, Other Activities
8:00 AM	8:10 AM	Registration throughout the day by Black Hills Parks and Forests Association Displays, vendors, and activities
8:10 AM	9:40 AM	
9:40 AM	10:10 AM	
10:10 AM	10:30 AM	SNACKS FOR PURCHASE DURING BREAK
10:30 AM	11:10 AM	Displays, vendors, and activities
11:10 AM	11:50 AM	
11:50 AM	12:00 PM	
		End of sessions

Block 2: Custer High School Theater

Presenter	Talk or Activity Description
Various	The Stories of Caving
Rene Ohms	Session Introduction
Dr. Dwight Deal, Rene Ohms, Jan Conn, Mike Wiles	An informal panel session where moderator and audience members can ask questions of panel members
Chris Pelczarski / Cave Explorer	Living in the Light of Discovery
N/A	BREAK
Greg Francek	Underground Filmmaking: The complexities of film & television production in caves, including Hoyo Negro - Filming for PBS NOVA: First Face of America
Dr. Hazel Barton / University of Akron	Behind the Scenes Secrets of the IMAX Film Journey Into Amazing Caves
TBD	Closing Remarks
	End of sessions

Block 3: Custer High School Classroom #XXXX

Talk or Activity Description
Discovery in the Darkness
Jewel Cave Park Film - plays on a continuous loop throughout the morning
BREAK FOR LUNCH
End of sessions

Block 4: Custer High School Music Room #XXXX

Talk or Activity Description
Jewel Cave Map
A 36' x 22' map of the cave, displayed on the floor - viewers are allowed to walk on it
BREAK FOR LUNCH
End of sessions

11:00 AM	1:00 PM	Explorers' Brunch at Skogen Kitchen - Invite Only
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Ongoing Exhibits:
 The Jewel Cave Map - a 36 x 22 foot map of the entire cave system that you can walk on! Displayed on the music room floor during the event
 Discovery in the Darkness: the Jewel Cave park film shown in classroom (XXXX) during the event
 Paha Sapa Grotto Squeeze Box
 Rushmore Cave Simulator