

Happy Holidays from SDPB! We wish you, your families, and your students a wonderful holiday season.

Please forward this newsletter to fellow coworkers and encourage them to [JOIN](#) today.

1. **SDPB Online Radio & Television Schedules**
2. **New! SDPB KIDS**
3. **SDPB Television Programs (Highlights)**
4. **Lessons, Activities and Interactives**

1. SDPB Online Radio & Television Schedules

[SDPB Television Schedules/](#) [SDPB Radio Schedules/](#) [SDPB Video Player](#)

2. New! SDPB KIDS (Starting in January)

SDPB Kids is expanding in January with fun, informative children's programs on both SDPB1 and SDPB3 TV. SDPB1 will continue to provide great children's programming. SDPB3, one of SDPB Television's alternate channels, will enter into the mix beginning in January with children's programming. Schedules below:

Weekdays

SDPB1:

6:30 (5:30 MT) **Maya & Miguel**
7am (6 MT) **Curious George**
7:30 (6:30 MT) **The Cat in The Hat**
8am (7 MT) **Super Why!**
8:30 (7:30 MT) **Dinosaur Train**
9am (8 MT) **Clifford the Big Red Dog**
9:30 (8:30 MT) **Zooboomafoo**
10am (9 MT) **Caillou**
10:30 (9:30 MT) **Word World**
11am (10 MT) **Sid the Science Kid**
11:30 (10:30 MT) **Barney & Friends**
Noon (11 MT) **Sesame Street**
1pm (Noon) **Berenstain Bears**
1:30 (12:30 MT) **Cyberchase**
2pm (1 MT)
Monday: **Curiosity Quest**
Tuesday: **Biz Kid\$**
Wednesday: **Design Squad**
Thursday: **Dragonfly TV**
Friday: **Signing Time!**
2:30 (1:30 MT) **Martha Speaks**
3pm (2 MT) **Arthur**
3:30 (2:30 MT) **WordGirl**
4pm (3 MT) **Wild Kratts**
4:30 (3:30 MT) **The Electric Company**
5pm (4 MT) **Fetch! with Ruff Ruffman**

SDPB3 Weeknights (beginning January 2):

6pm (5 MT) **Arthur**
6:30 (5:30 MT) **WordGirl**
7pm (6 MT) **Wild Kratts**
7:30 (6:30 MT) **The Electric Company**
8pm (7 MT) **Fetch! with Ruff Ruffman**
8:30 (7:30 MT) **Curious George**
9pm (8 MT) **Cyberchase**
9:30 (8:30 MT) **Maya & Miguel**
10pm (9 MT) **Clifford the Big Red Dog**
10:30 (9:30 MT) **Caillou**
11pm (10 MT) **Sid the Science Kid**
11:30 (10:30 MT) **Berenstain Bears**

Saturdays

SDPB1:

6am (5 MT) **Mister Rogers' Neighborhood**
6:30 (5:30 MT) **Bob the Builder**
7am (6 MT) **Curious George**
7:30 (6:30 MT) **The Cat in the Hat**
8am (7 MT) **Super Why!**
8:30 (7:30 MT) **Dinosaur Train**
9am (8:30 MT) **Thomas & Friends**
9:30 (8:30 MT) **Angelina Ballerina**

SDPB3 Saturdays (beginning January 7):

Noon (11 MT) **Curiosity Quest**
12:30 (11:30 MT) **Biz Kid\$**
1pm (Noon) **Design Squad**
1:30 (12:30 MT) **Dragonfly TV**
2pm (1 MT) **Signing Time!**
2:30 (1:30 MT) **Arthur**
3pm (2 MT) **WordGirl**
3:30 (2:30 MT) **Wild Kratts**
4pm (3 MT) **The Electric Company**
4:30 (3:30 MT) **Cyberchase**
5pm (4 MT) **Fetch! with Ruff Ruffman**
5:30 (4:30 MT) **Nature Adventures**

Sundays

SDPB1

5:30 (4:30 MT) **Signing Time!**
6am (5 MT) **Curious George**
6:30 (5:30 MT) **The Cat in the Hat**
7am (6 MT) **Super Why!**
7:30 (6:30 MT) **Dinosaur Train**
8am (7 MT) **Sid the Science Kid**
8:30 (7:30 MT) **Martha Speaks**
9am (8:30 MT) **Arthur**
9:30 (8:30 MT) **WordGirl**
10am (9 MT) **Cyberchase**
10:30 (9:30 MT) **The Electric Company**

SDPB3 Sundays (beginning January 8):

Noon (11 MT) **Arthur**
12:30 (11:30 MT) **WordGirl**
1pm (Noon) **Wild Kratts**
1:30 (12:30 MT) **The Electric Company**
2pm (1 MT) **Cyberchase**
2:30 (1:30 MT) **Fetch! with Ruff Ruffman**
3pm (2 MT) **Mister Rogers' Neighborhood**
3:30 (2:30 MT) **Bob the Builder**
4pm (3 MT) **Thomas & Friends**
4:30 (3:30 MT) **Angelina Ballerina**
5pm (4 MT) **Peep & the Big Wide World**
5:30 (4:30 MT) **Clifford the Big Red Dog**

3. SDPB Television Programs (Highlights)

Independent Lens: Woodmans

SDPB TV, Thursday, December 22, 11:00pm – 12:30am CT

A family of artists struggles with the loss of its brightest star, seminal photographer Francesca Woodman. ([More](#)/ Please preview this program inappropriate content.)

Angle of Attack (Part I & II)

SDPB TV, Tuesday, December 27, 7:00pm – 9:00pm CT

Part I (7:00pm – 8:00pm) - The first half begins by following young men and women on their way to "earning their Wings." In a rigorous course of instruction, they learn to lift off and land a

supersonic aircraft on the deck of an aircraft carrier in the middle of the ocean, still considered one of the most difficult and hazardous tasks. Eugene Ely first attempted the death-defying feat in 1911. Ely's act of landing a fragile bi-plane on a make-shift wooden deck would eventually transform into a weapon of unprecedented power and influence. The episode concludes with World War II and the US victory in the Pacific, when carrier aviation reigned supreme. However, Naval soon would face a threat to its existence - not from an enemy source, but from a competing technology - the nuclear bomb.

Part II (8:00pm - 9:00pm) - The second half begins with the potential demise of naval aviation, as many in the military establishment promote nuclear weapons and pronounce carrier aviation obsolete. Korea, and later Vietnam, offer a startling reminder of the utility of naval aviation, and undermine the post-World War II conviction that the US will fight all of its wars with nuclear weapons. As the Cold War deepens, the installation of Soviet ballistic missiles in Cuba brings the nation to the brink of nuclear war. Another important function of naval aviation - reconnaissance - rallies world opinion and helps diffuse the crisis. Photographs of the Soviet missiles taken by low-flying naval aviators provide incontrovertible evidence of the Soviet Union's lying. Following the age of nuclear terror came a new low in Vietnam, where doubts about the military merge with racial animosities to undermine morale among naval aviators. The episode concludes by exploring the technological evolutions like GPS-guided weapons that continue to transform the field. Interviews and vivid archival footage from Afghanistan and Iraq highlights the new moral challenges of asymmetrical warfare today. ([More](#))

Botany of Desire

SDPB TV, Wednesday, December 28, 1:00am - 3:00am CT

SDPB TV, Thursday, December 29, 2:00am - 4:00am CT

Flowers. Trees. Plants. We've always thought that we controlled them. But what if, in fact, they have been shaping us? Using this provocative question as a jumping off point, *The Botany of Desire*, a two-hour PBS documentary based on the best-selling book by Michael Pollan, takes us on an eye-opening exploration of our relationship with the plant world - seen from the plants' point of view. ([More](#) - Lessons)

NATURE: Arctic Bears

SDPB TV, Wednesday, December 28, 7:00pm - 8:00pm CT

Out of an Ice Age emerged one of our most majestic creatures - the polar bear. From its brown bear ancestry, the predator evolved to be a master of a harsh and unwelcoming ice kingdom. Intelligent, adaptable and fierce, the polar bear learned how to survive in a place that offers few comforts to any creature. But now that very environment is in flux. And so is the polar bear's fate. ([More](#))

NOVA: Extreme Ice

SDPB TV, Wednesday, December 28, 8:00pm - 9:00pm CT

SDPB TV, Thursday, December 29, 1:00am - 2:00am CT

Follow photojournalist James Balog to some of the most remote and beautiful places on Earth as he documents the disappearance of an icy landscape that took thousands of years to form. An artist, scientist, explorer, and former mountain guide, Balog braves treacherous terrain to site his cameras in ideal locations to record the unfolding drama. Remarkable time-lapse footage reveals massive glaciers and ice sheets splitting apart, collapsing, and disappearing at a rate that has scientists alarmed. ([More](#))

NOVA: Secrets Beneath the Ice

SDPB TV, Wednesday, December 28, 9:00pm - 10:00pm CT

SDPB TV, Thursday, December 29, 4:00am - 5:00am CT

Is Antarctica headed for a catastrophic meltdown? New evidence of ancient climate change may hold clues. ([More](#))

South Dakota Focus: Year in Review

SDPB TV, Thursday, December 29, 8:00pm - 9:00pm CT

Join SDPB for in-depth talk about the issues and events on South Dakotans' minds. Viewer's comments and questions are encouraged in advance of and during the program. Call 1-800-456-0766. ([More](#))

Independent Lens: These Amazing Shadows

SDPB TV, Thursday, December 29, 11:00pm - 12:00am CT

These Amazing Shadows weaves clips from America's most-beloved films (and many rarer treasures) with moving personal tales of how specific films have reflected our culture and changed lives. ([More](#))

SDPB Holiday Programing

SDPB1 Television Holiday Schedule

December 23

7:30am (6:30 MT) **The Cat in the Hat Knows a Lot about That**
Reindeer Games/ Along Came a Spider
8am (7 MT) **Super Why!** *'Twas the Night before Christmas*
8:30am (7:30 MT) **Dinosaur Train** *Don's Winter Wish/ Festival of Light*
10:30am (9:30 MT) **Wordworld** *The Christmas Star/ A Christmas Present for Dog*
11:00am (10 MT) **Sid the Science Kid** *Sid's Holiday Adventure*
2:00pm (1 MT) **Best of Once Upon a Christmas Cherry in the Lab of Shakhashiri**
3:30pm (2:30 MT) **Word Girl** *Oh, Holiday Cheese/ Change Day*
9:00pm (8 MT) **Christmas Concert from Norway**
10:00 pm (9 MT) **Travelscope** *Christmas in Switzerland*

December 24

7:30am (6:30 MT) **The Cat in the Hat Knows a Lot about That**
Reindeer Games/ Along Came a Spider
9:00am (8 MT) **Tomas and Friends** *Winter Delights*
6pm (5 MT) **The Lawrence Welk Show** *Christmas*
7pm (6 MT) **Orla Fallon's Celtic Christmas**
8pm (7 MT) **The University of South Dakota Holiday Concert**
10pm (9 MT) **Tonic Sol-Fa** *The Greatest Time of the Year*
11pm (10 MT) **Anuna Christmas Memories**

December 25

1am (Midnight MT) **St. Thomas Christmas**
2am (1 MT) **Purdue Christmas Show**
3am (2 MT) **Jessica Simpson** *Happy Christmas*
4am (3 MT) **Christmas with the King Family**
5am (4 MT) **Bucknell Candlelight Christmas**
6am (5 MT) **Christmas at Concordia** *Journey to Bethlehem*
7am (6 MT) **Prima Princessa Presents "The Nutcracker"**
8am (7 MT) **Super Why!** *'Twas the Night before Christmas*
8:30am (7:30 MT) **The Cat in the Hat Knows a Lot about That**
Reindeer Games/ Along Came a Spider
9am (8 MT) **Dinosaur Train** *Don's Winter Wish/ Festival of Light*
9:30am (8:30 MT) **Sid the Science Kid** *Sid's Holiday Adventure*
10am (9 MT) **Curious George A Very Monkey Christmas**
11am (10 MT) **Christmas with the Mormon Tabernacle Choir**
Featuring David Archuleta & Michael York
Noon (11 MT) **War of 1812**
2pm (1 MT) **Theodore Roosevelt** *A Cowboy's Ride to the White House*
3pm (2 MT) **Will Rogers and American Politics**
4pm (3 MT) **Alaska Far Away** *The New Deal Pioneers of the Matanuska Colony*
5:30pm (4:30 MT) **Nature Adventures** *Spelunking Rushmore Cave*
6pm (5 MT) *Antiques Roadshow Forever Young*
7pm (6 MT) **The Lawrence Welk Show** *Christmas*
8pm (7 MT) **Nature** *Christmas in Yellowstone*

SDPB Radio Holiday Schedule

December 24

2pm (1 MT) **Hanukkah Lights 2011**
5pm (4 MT) **A Prairie Home Companion**
7pm (6 MT) **St. Olaf Christmas Festival**
9pm (8 MT) **Jonathan Winters A Christmas Carol**
10pm (10 MT) **Extended Play**
11pm (10 MT) **All Songs Considered for the Holidays**

December 25

9am (8 MT) **Lessons and Carols from Washington Cathedral 2011**

10am (9 MT) **Handel's Messiah** Highlights from the Black Hills Symphony Orchestra. & Dakota Choral Union.
11am (10 MT) **Holiday Pops** Concert from the South Dakota Symphony Orchestra.
Noon (11 MT) **A Prairie Home Companion**
2pm (1 MT) **Symphonycast** *Bach Christmas Oratorio*
4pm (3 MT) **La Nochebuena** *A Spanish Renaissance Christmas with The Rose Ensemble*
5pm (4 MT) Regular schedule
8pm (7 MT) **Big Band Spotlight** Christmas show.
9pm (8 MT) **Jazz Piano Christmas XXII**
10pm (9 MT) **Thistle and Shamrock** Christmas show
11pm (10 MT) **Tinsel Tales 2** Favorite stories from NPR

4. Lessons, Activities and Interactives

Surviving Winter

[Lesson](#)/ Grade: Upper Elementary – Middle School

Students learn about the varied physical and behavioral adaptations that animals rely on to help them survive changing environmental conditions, such as the arrival of winter.

Igloo 101

[Interactive](#)/ Grade: 3-8

This interactive activity from NOVA challenges students' knowledge of igloo construction.

Craft: Snowflake Chandelier

[Activity](#)/ Grade: PreK - Elementary

Let it snow! Bring some sparkle to the holiday season with these fun and frosty snowflakes. It's a perfect indoor activity for a cold winter day

Migration of the Monarchs

[Video](#)/ Grade: 3-8

Explore why monarchs make the epic journey and how they manage to do it.

Is it true that no two snowflakes are alike?

[Interactive](#)/ [Lesson](#)

Explore the science behind snowflake formation and the molecular structure of ice. Then watch a snowflake grow.

How does a frog stay alive when it freezes solid?

[Video](#)

Learn how a unique adaptation allows the wood frog to survive freezing temperatures. ([More](#))

What are Antarctica's climate secrets?

[Multimedia Collection](#)

Visit the coldest, windiest, driest place on Earth to dig into the climate history of our planet.

What's the difference between the North and South Poles?

[Interactive](#)

They might both be cold, but that is where the similarity ends! Compare the physical features, weather, plants, wildlife, and human impact of the Arctic and the Antarctic.

What is cold, how do you achieve it, and just how cold can it get?

[Multimedia Collection](#)

Follow the race to reach the lowest temperature possible in this collection of interactive resources and teacher's guide surrounding NOVA's Absolute Zero.

NOVA: Absolute Zero: The Conquest of Cold

SDPB TV, Tuesday, December 7, 7:00pm – 8:00pm CT

The battle to control cold temperatures is documented. Included: a primitive air-conditioning system for Westminster Abbey in the 17th century; frozen food. ([More](#))

NOVA: Absolute Zero: The Race for Absolute Zero

SDPB TV, Tuesday, December 7, 8:00pm – 9:00pm CT

Conclusion. The battle to control cold temperatures is documented. Included: a new form of matter near absolute zero. ([More](#))

Secrets of Hibernation

[Online](#)

One of the most celebrated hibernators is the American black bear (Ursus americanus). It can go for as long as 100 days without eating, drinking, urinating, defecating, or exercising.

Printable Holiday Cards

[Cards](#)

Share the joy! Spread winter holiday cheer to all of your loved ones with these colorful holiday cards.

Search Engines on SDPB (Search Topics like "cold", "winter" and "ice")

SDPB's PBS LearningMedia

[Online Resources](#)

A collection of over 14,000 resources by subject area and age.

Search Engine on SDPB

[Lessons/ Video/ Interactives](#)

Here you'll find classroom materials suitable for a wide range of subjects and grade levels. There are thousands of lesson plans, teaching activities, on-demand video assets, and interactive games and simulations.

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[Lessons/ Video/ Interactives](#)

Teachers' Domain is an online library of more than 1,000 free media resources, lessons and activities for the classroom. Find resources now!

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