

SUCRETS' BE A POLAR DEFENDER



Dear Educator,
Twentieth Century Fox,
producers of the upcoming DVD
release, *Ice Age: Dawn of
the Dinosaurs*, and curriculum
specialists Young Minds Inspired

(YMI) are pleased to present this free program that not only supports your earth science, geology, social studies, and arts curricula, but also features familiar Ice Age woolly mammoths Manny and Ellie, Sid the sloth, and Diego the saber-tooth tiger – fresh from their latest adventure – as they foster students' understanding of how they can help save Earth's polar regions.

And for extra fun, the program features a billboard contest – **Sucrets' Save the Polar ICE Caps Challenge** – inviting kids and their families to design a billboard showing ways to preserve the polar ice caps. The winning school will receive a visit from a Fox film animator! See the official contest entry form enclosed and go to www.SucretsICEChallenge.com for contest details. **Entries must be received by December 23, 2009.**

We hope that you will include this program in your curriculum. Although viewing the DVD is not necessary in order to use this program, it will enhance students' enjoyment of this imaginative and funny tale of friendship and family. And please share this guide with other teachers in your school. Although these materials are copyrighted, you have permission to reproduce them for educational purposes.

Sincerely,

Dr. Dominic Kinsley, Editor in Chief

Synopsis

In *Ice Age: Dawn of the Dinosaurs*, woolly mammoths Manny and Ellie are anxiously awaiting the birth of their baby when their friend, Sid the sloth, stumbles across three abandoned eggs and keeps them to raise as his own. When the eggs hatch, dinosaurs are born and Sid returns to the Lost World of the Dinosaurs to help Mama T-Rex raise her babies. Manny, Ellie, Diego, Crash, and Eddie go after Sid and, along with the help of a wacky weasel named Buck, brave the lost Dinosaur World to try and bring him back to his Ice Age home.

Program Objectives

- Develop an understanding and appreciation for the resources and importance of Earth's polar regions.
- Educate about Earth's climate throughout geological time.
- Encourage families to become active participants in the preservation of the polar ice caps.

Target Audience and Standards Alignment

This program is designed for students in grades 1-6 but may be tailored to suit the abilities of your students. It aligns with national standards for grades 1-6 in geography, science, social studies, and visual arts (see www.ymiclassroom.com/IceAgeStandards.pdf).

How to Use This Program

- Display the wall poster in a prominent location to generate kids' interest. Review the environmental tips and ask students to further research the periods shown.
- Review, photocopy, and distribute the reproducible masters at the beginning of each activity.
- Distribute a copy of the enclosed official contest entry form to every student. For contest details, go to www.SucretsICEChallenge.com.

Activity 1: A New Parad-ICE

Part A. Review the animals and regions on the sheet. Ask students to match the animals to the correct polar region.

Answers: (Arctic) snowy owl, Arctic fox, Arctic hare, polar bear, caribou, wolverine, walrus; (Antarctic) blue whale, ice fish, leopard seal, Emperor penguin

Part B. Ask students to choose their favorite polar animal from Part A. On the back of their sheet, have students illustrate how the animals might be affected if they were placed in a different habitat. Have older students write a paragraph describing these changes.

Activity 2: Cool Adv-ICE

Part A. Ask students to answer the questions and discuss the importance of preserving the polar environment. **Answers** (C = cool; U = uncool): 1.C, lowering the thermostat in winter reduces carbon emissions; 2.U, idling cars create more carbon emissions; 3.C, washing in cold water saves the energy required to heat it; 4.U, re-usable containers reduce landfill waste; 5.U, recycling newspaper, old artwork, paper grocery bags, etc., for wrapping paper saves trees; 6.C, compact fluorescent bulbs last longer at a fraction of the cost of incandescent bulbs; 7.C, a garden enriches the oxygen cycle and provides food for native pollinators; 8.U, toy batteries leak mercury in landfills that pollutes oceans, rivers, and streams.

Part B. Ask students to return their completed family list to school to share with classmates. Display ideas around the program poster.

Activity 3: Sucrets' Save the Polar ICE Caps Challenge

Official Contest Entry Form

Review the contest directions with your students. Encourage them to work with their parents to create a billboard design (like the ones seen next to roads) with their ideas for helping to save the polar ice caps. Collect all entries and mail them in a single envelope to **Sucrets' ICE Challenge, c/o YMI, 90 Crown St., New Haven, CT 06510. All entries must be received by December 23, 2009.**

Program Certificate

Visit www.ymiclassroom.com/IceAgeCertificate.pdf to download and print a certificate to celebrate your students' entry into **Sucrets' Save the Polar Ice Caps Challenge**. Encourage students to share the environmental tips on the certificate with their family!

Enter the
Sucrets' ICE
Challenge and win
a visit to your
school from a
Fox animator.

See Official Contest
Entry Form
enclosed.



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A NEW PARAD-ICE

Your **ICE AGE: DAWN OF THE DINOSAURS** friends want you to help these animals find their polar homes!

Part A. Do these animals live in the Arctic or the Antarctic? Draw a line from each animal to their home. Color the animals and each map.



leopard seal



ice fish



Arctic hare



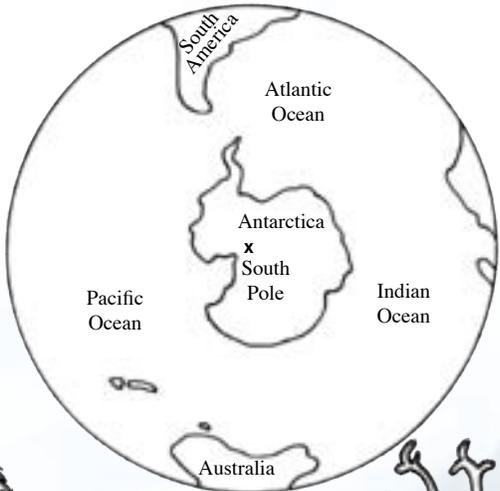
Arctic fox



blue whale

ARCTIC

ANTARCTIC



Emperor penguin



snowy owl



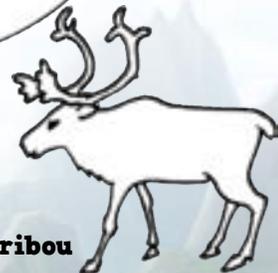
walrus



wolverine



polar bear



caribou

Part B. Choose your favorite polar animal from Part A. Pretend this animal must live in a different habitat. On the back of your activity sheet, illustrate at least three ways the animal would be affected.

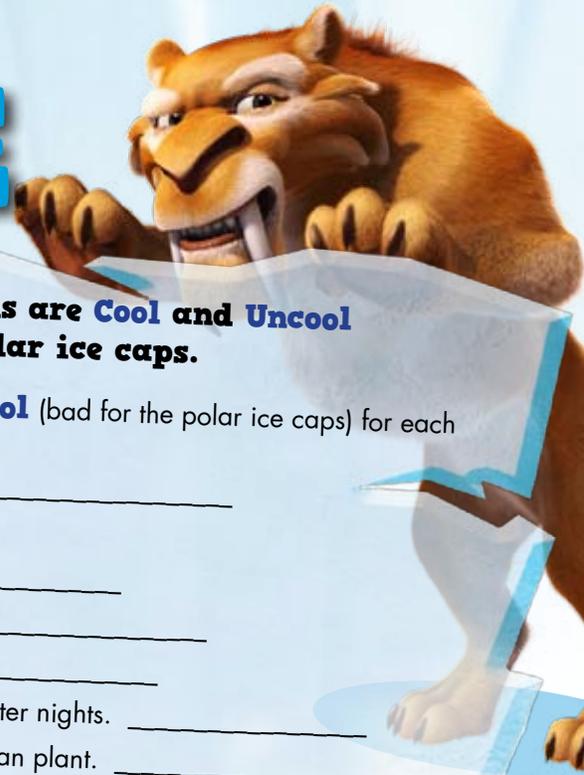
OWN THE FUN ON BLU-RAY AND DVD!

See Sucrets ICE package to receive \$4 back by mail when you purchase **ICE AGE: DAWN OF THE DINOSAURS** and any one package of Sucrets ICE, Sucrets Complete, or Sucrets Herbal.

Offer Expires 4/30/10.



COOL ADV-ICE



Help Sid and Diego decide what actions are **Cool** and **Uncool** for taking care of Earth's polar ice caps.

Part A. Write **Cool** (good for the polar ice caps) or **Uncool** (bad for the polar ice caps) for each of these sentences.

1. Put on a sweater instead of turning up the heat during winter. _____
2. Warm up the car on frosty mornings. _____
3. Always use cold water when washing dirty laundry. _____
4. Use packaged juices and milk cartons in your school lunch. _____
5. Buy wrapping paper at the store for holiday gift-giving. _____
6. Use energy-saving light bulbs to light your home in the dark winter nights. _____
7. Look through seed and garden catalogs to plan a garden you can plant. _____
8. Ask for the latest electronic toy for a holiday gift. _____

Part B. Do your parents know **Cool** from **Uncool**? Have them complete the quiz above to find out. Then, as a family, write three more **Cool** actions you can take to help save the polar ice caps!

OUR FAMILY'S COOL TIPS

1. _____
2. _____
3. _____



Dear Parents or Caregivers,

Sucrets, makers of Sucrets ICE, cares about preserving the polar ice caps. They also care about protecting your family's health. See the **Cool Winter Health Tips** below, then visit www.SucretsICEChallenge.com to find out more!

COOL WINTER HEALTH TIPS

- Make sure your family gets adequate rest and maintains a healthy diet.
- Make washing hands a routine when coming home from school and before eating.
- Monitor your child's cold and flu symptoms, such as nasal congestion, scratchy throat, headaches, and dry cough. Contact your pediatrician if symptoms persist or increase.
- Use Sucrets ICE to relieve scratchy, sore throat pain.

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SAVE THE POLAR ICE CAPS CHALLENGE

Activity **3**
Reproducible Master
Official Contest
Entry Form

Enter to win
 a visit from
 a Fox film
 animator to
 your school!

Hey Kids and Families! Win a visit from a Fox animator to your school. Use your environmental smarts and your creative talents to design a billboard (like the ones you see next to the road) showing what you would do to preserve the polar ice caps. Use the blank space below to illustrate your design. Below it, write a message in 25 words or less about how you are helping to save the polar ice caps. Your idea might be a big one – like solar-powered cars – or a simple one – like switching to energy-saving light bulbs. Good luck!

Contest Rules

1. Design a billboard and write a message in the spaces to the left showing what you and your family would do to preserve the polar ice caps.
2. Fill out the **entry information** requested below and have a parent or guardian sign in the space provided.
3. Give your completed entry form to your teacher to mail in for you to: **Sucrets' ICE Challenge, c/o YMI, 90 Crown Street, New Haven, CT 06510.**
4. **Entries must be received by December 23, 2009.** A preliminary round of judging will determine the top 30 entries, followed by a public vote online to select the top 5. From these, a panel of judges will pick the winner.
5. If your entry wins, a Fox film animator will visit your school.
6. For complete official rules, go online to www.SucretsICEChallenge.com.

NO PURCHASE OR PAYMENT OF ANY KIND IS NECESSARY TO ENTER OR WIN THIS CONTEST. Contest ends 12/23/09. A parent or legal guardian must sign or submit each child's Contest material, indicating that they agree to these Official Rules and grant permission for their child to enter the Contest. Contest open to legal residents of the 50 US including DC who are between the ages of 6 and 13 years of age at the time of entry (the "Participant"). Contest subject to full Official Rules available at www.SucretsICEChallenge.com. Void where prohibited.

Message: _____

Use the other side of the sheet if you need it.

Entry Information:

Child's Name _____ Date of Birth ____/____/____

School _____

School Address _____

Teacher Name _____ School Phone Number _____

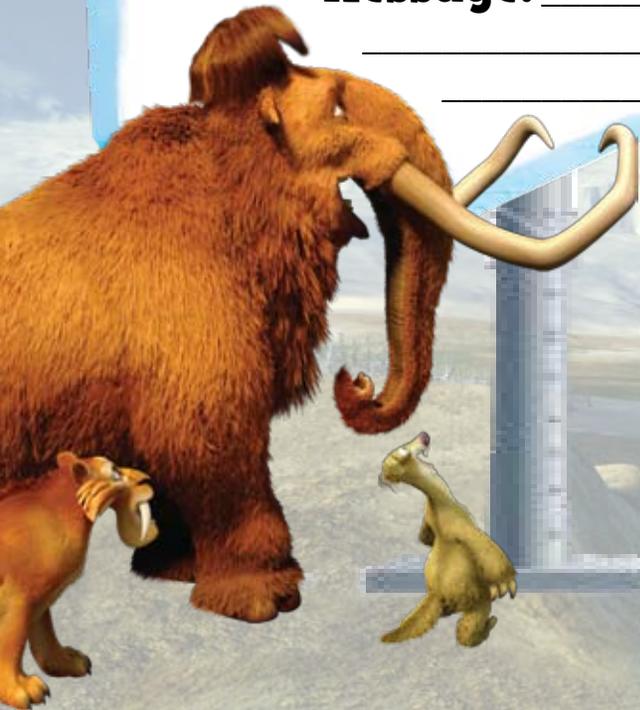
Parent's E-mail _____

Home Phone Number _____

Parent/Guardian Signature _____

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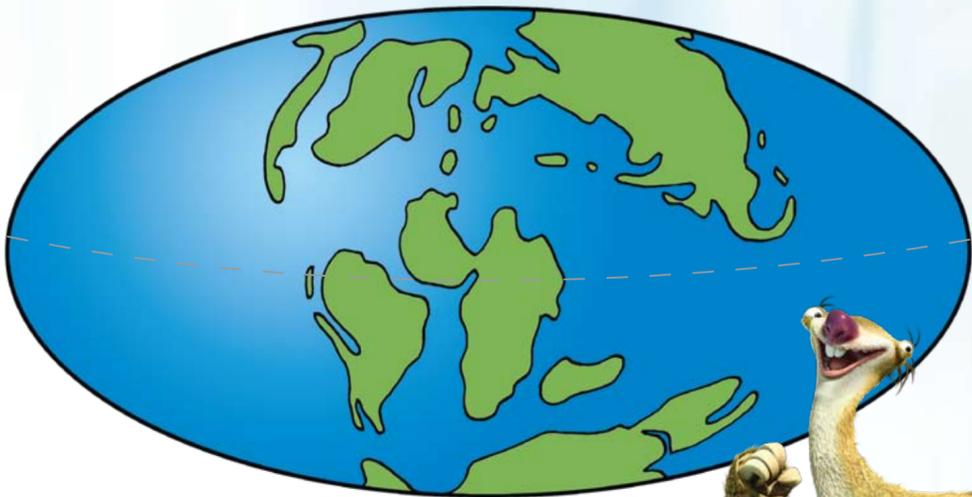


JOIN EARTH'S JOURNEY THROUGH ICE AND TIME

Can you spot the differences in Earth's polar regions?

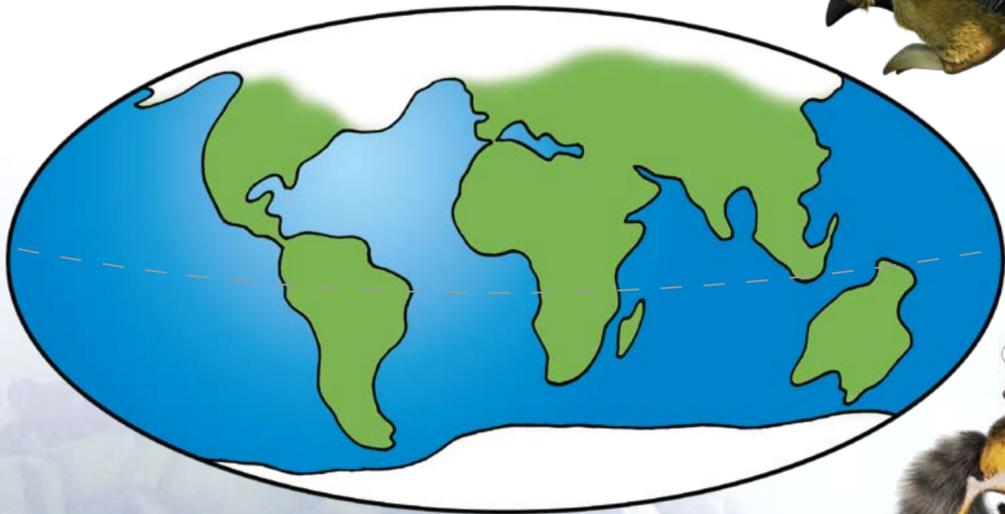
CRETACEOUS PERIOD

Time of the dinosaurs—144 million to 65 million years ago and part of the Mesozoic Era



PLEISTOCENE PERIOD

Time of the Ice Age—1.8 million to 10,000 years ago and part of the Cenozoic Era



HALOCENE PERIOD

The last 10,000 years of Earth's history up to modern day and part of the Cenozoic Era



What You Can Do To Help

There are lots of ways you can help save the polar ice caps and improve Earth's environment. Here are a few:

- **Save water** – Turn off the faucet while brushing your teeth.
- **Save electricity** – Turn off ALL electrical appliances when you're not using them. That means TV's and computers, too!
- **Reduce, reuse, and recycle** – Practicing these three R's cuts down on waste that is added to the landfill.
- **Plant a tree** – Trees absorb carbon dioxide from the air and give us oxygen to breathe.
- **Learn about Earth and our environment** – Knowing more about Earth and its resources helps you better understand why we need to protect our planet.
- **Share these tips with others.**
- **Brainstorm ideas** like these with your family and enter **Sucrets' Save the Polar ICE Caps Challenge!**

Enter **Sucrets' Save the Polar ICE Caps Challenge** for a chance for your school to win a visit from a real movie animator! **Deadline: December 23, 2009**

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CONGRATULATIONS! YOU'RE A POLAR DEFENDER!

Congrats from the *ICE AGE: DAWN OF THE DINOSAURS* gang on being a Polar Defender!

Name

has completed the **Sucrets' Save the Polar ICE Caps Challenge.**

Date

Teacher's Signature

Together with your family, help save the polar ice caps and improve Earth's environment:

- **Save water** – Turn off the faucet while brushing your teeth.
- **Save electricity** – Turn off ALL electrical appliances when you're not using them. That means TV's and computers, too!
- **Reduce, reuse, and recycle** – Practicing these three R's cuts down on waste that is added to the landfill.
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"Ice Age" and "Ice Age"
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