

**Title of Session:** Beyond Penguins and Polar Bears

**Moderator:** Kimberly Lightle

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Room: Beyond Penguins and Polar Bears Group

**MyrnaT:** Hey BJB, is here the Penguins' event?

**BJB2:** yeppers, Myrna!

**BJB2:** Kim should be here in a few minutes

**MyrnaT:** a ok

**MyrnaT:** and how does this work?

**BJB2:** have you not participated in TI chats before?

**BJB2:** Kimberly Lightle is the leader of the discussion

**MyrnaT:** ok

**BJB2:** we'll start with introductions

**MyrnaT:** no, I have never participated

**BJB2:** and Kim will guide you through an issue of the Beyond Penguins magazine

**MyrnaT:** ah ok

**MyrnaT:** and do you know how many people will participate in this event?

**BJB2:** not a clue! Depends on the phase of the moon ;-)

**MyrnaT:** jaa, ok =)

**MyrnaT:** thank you!

**BJB2:** you're welcome, Myrna

**AlG** joined the room.

**BJB2:** good job, Al

**BJB2:** Kim will be here in about 10 minutes...

**AIG:** I've detached, BJB, thanks!!

**BJB2:** while you wait, look around on the web window at the resources in the group room

**BJB2:** you're welcome, Al :-)

**KimberlySL** joined the room.

**BJB2:** and there is the woman of the hour!

**BJB2** hugs Kim.

**KimberlySL:** Hi everybody - Just got done with the Moodle webinar!

**BJB2:** how did it go, Kim?

**AIG:** From LearnCentral?

**KimberlySL:** really good - we had 50 participants - yes Learn Central

**AIG:** I was just there too!

**AIG:** From that session I setup Moodle on my Bluehost account :o)

**KimberlySL:** We'll have at least a couple more about Moodle - lots of questions

**RaymondM** joined the room.

**BJB2:** welcome, Raymond

**KimberlySL:** Hi AIG - There are a couple of webinars on Moodle - the one I'm talking about is about using it in the middle school - Tom Jenkins was the presenter

**BJB2:** Kim will start this discussion in about 4 minutes

**RaymondM:** Hello everybody

**AIG:** Yes, I was there.

**MyrnaT:** ok

**KimberlySL:** cool!

**AlG:** Someone had mentioned in the Chat that you can setup Moodle on Bluehost and I have a Bluehost account so I did it!

**AlG:** It was so easy.

**KimberlySL:** MSP2 is actually my other project - Beyond Penguins is my other project

**AlG:** Cool!

**KimberlySL:** That is great to hear - I have been using Ninehub and that set up was easy too

**BJB2** . o O ( Kim will be leading a MSP discussion in Tapped In next Monday )

**BJB2:** a reminder if you are new to Tapped In to go to the Actions menu in the top right of the chat and select DETACH

**BJB2:** Kim, would you like to start with introductions?

**KimberlySL:** sure - I'm a science educator at Ohio State University - where is everybody else and what is your education role?

**BJB2** takes a sip of Ray's coffee

**BJB2:** I'm a retired art and communication teacher located in Pennsylvania

**AlG:** I teach 6-8 Science in Washington state.

**RaymondM:** I'm a student at the University of Texas Pan-American, studying to become a teacher.

**MyrnaT:** I'm a student at the University of Texas Pan American located in Edinburg, TX. I'm majoring in Education; I want to be a teacher

**KimberlySL:** great bunch - well - today let's learn a little about icebergs and glaciers

**MyrnaT:** ok =)

**KimberlySL:** We're going to explore the latest issue of Beyond Penguins and Polar Bears

**BJB2:** when Kim shows you a url...

**KimberlySL:** first let's go to the home page of the magazine - <http://beyondpenguins.nsd.org/>

**BJB2:** HOLD DOWN THE CTRL KEY on your keyboard if you are on a PC and have pop up blockers

**KimberlySL:** you'll see that the latest issue is right in the middle - the header of the page has lots of good info - archive, change language, etc

**KimberlySL:** all the old issues images can be seen at the bottom of the page

**KimberlySL:** go ahead and click on Icebergs and Glaciers - Issue 15

**BJB2** checks to see if Myrna and Ray got the url?

**MyrnaT:** I did!

**RaymondM:** yes

**KimberlySL:** that is the homepage - click on issue 15 and let's explore this issue of the magazine - the direct URL is

<http://beyondpenguins.nsd.org/issue/index.php?date=August2009>

**BJB2:** clicking on the url should open a new tab/screen

**KimberlySL:** Each issue of the magazine is laid out the same way - five departments and the same columns under each department

**KimberlySL:** each issue has a polar theme, covers a few science concepts, and a literacy strategy

**KimberlySL:** click on the column that says Science Content Knowledge

**BJB2:** a reminder that all urls will be included in your transcript

**KimberlySL:** Its the first link under Professional Learning -

<http://beyondpenguins.nsd.org/issue/column.php?date=August2009&departmentid=professional&columnid=professional!science>

**KimberlySL:** I know the URLs are big!

**KimberlySL:** The column always provides the background science knowledge needed by teachers to understand this topic

**RaymondM:** very informational

**KimberlySL:** scroll through and look at all the amazing images

**MyrnaT:** they are really pretty =)

**KimberlySL:** this article is written for teachers but we have older students use the page also

**KimberlySL:** So now that you know all about the topic lets find out what the literacy strategy is for this issue

**KimberlySL:** where do you think you might find that?

**MyrnaT:** what do you mean?

**RaymondM:** "science and literacy"?

**MyrnaT:** geography?

**KimberlySL:** go back to the issue page and look at the department Professional Learning

**KimberlySL:** <http://beyondpenguins.nsd.org/issue/index.php?date=August2009>

**KimberlySL:** you'll see that we clicked on Science Content Knowledge - right below that the link is Literacy Content Knowledge

**MyrnaT:** yes

**RaymondM:** ok

**KimberlySL:** Each issue has a Literacy Strategy - that is what I was trying to get you to find

**ALG:** k

**KimberlySL:** so click on that link - what is the strategy for this issue?

**MyrnaT:** visualizing?

**KimberlySL:** Guess I didn't ask a very good question...

**KimberlySL:** Correct

**MyrnaT:** =)

**ALG:** The lessons say K-5 but I can see using this with my 7th and 8th graders.

**KimberlySL:** That's great to hear

**KimberlySL:** I think that these strategies can be used by adults!

**RaymondM:** definitely

**AlG:** Yes :o)

**MyrnaT:** I think that too!!

**KimberlySL:** Do you see section Resources for Visualizing? I want to show you what those are all about

**MyrnaT:** yes

**AlG:** where

**KimberlySL:** we have a feature story that goes along with each issue - you'll see it says Ice Sculptures

**KimberlySL:** I mistyped - do you see where it says Ice Sculptures

**AlG:** yes

**MyrnaT:** yes

**KimberlySL:** that is the title of our Feature story - we have a children's author write a informational text for grades 4-5 and then we make a version for 2-3 and k-1

**RaymondM:** I'm sorry, are we back at issue 15?

**KimberlySL:** yes - let's go back to  
<http://beyondpenguins.nsd.org/issue/index.php?date=August2009>

**KimberlySL:** do you see under Science and Literacy - Feature Story?

**MyrnaT:** yes

**RaymondM:** yes

**RaymondM:** I got it, thanks

**AlG:** yes

**MyrnaT:** do we click on it?

**KimberlySL:** Click on Feature Story and see the different versions that are available

**MyrnaT:** ok

**KimberlySL:** click on one of the ebook versions - hope you have your speakers on!

**RaymondM:** aw, unfortunately, I don't have speakers. is there a distinct audio difference?

**KimberlySL:** so the section that has the title Ice Sculptures is the actual text that Steve Whitt wrote to go along with this issue

**AlG:** Awesome

**MyrnaT:** yes!!!

**MyrnaT:** I likes it =>

**KimberlySL:** if you use the Change Language feature in the header you can get his story in 14 different languages

**RaymondM:** oh my

**AlG:** Wow!

**MyrnaT:** the only thing is that, are we supposed to click on the play button every time we turn the page?

**KimberlySL:** yes

**MyrnaT:** great!!

**MyrnaT:** ok

**KimberlySL:** you can compare the versions and see that the reading levels are different

**KimberlySL:** you can have students learning about the same science concepts but with differentiated reading instruction

**KimberlySL:** So let's go back to the issue page - <http://beyondpenguins.nsd.org/issue/index.php?date=August2009>

**MyrnaT:** that will help them a lot, depending on their fluency

**KimberlySL:** oh I forgot to tell you something - if you look in the header you'll see Stories for Students - all the feature stories from all 15 issues can be found here

**KimberlySL:** A Tundra Tale is quite gross - blow flies lay eggs in the noses of caribou - yuck!

**KimberlySL:** Ok - now back to the issue page -  
<http://beyondpenguins.nsd.org/issue/index.php?date=August2009>

**BJB2 . o O** ( something the kids probably LOVE )

**KimberlySL:** you can see all the other columns we have - why don't you explore some of the pages - for instance the Integrating Technology is all about using iPod Touches

**KimberlySL:** The Virtual Bookshelf is a collection of children's literature books that are all about Glaciers and Icebergs - you should be able to find them in your school library

**MyrnaT:** This page is very interesting, it has many ideas for teachers!

**KimberlySL:** If there is a particular column that you are interested in you can go to the header and click on Browse Columns - you can see all the articles from all the issues

**RaymondM:** cool

**KimberlySL:** The Archive link in the header takes you to all the past issues

**KimberlySL:** The Photo Gallery is brand new - you can look at all the images that we have used (almost all - we are still working with some of the photographers about rights information)

**KimberlySL:** and we have fabulous podcasts

**KimberlySL:** Any questions about how to navigate the Beyond Penguins magazine?

**MyrnaT:** Hey Kimberly, what role do you play in this magazine?

**RaymondM:** I seem to have the hang of it

**AlG:** The common misconceptions section is so helpful.

**AlG:** And formative assessment ideas too!

**KimberlySL:** I'm the Principal Investigator - I wrote the proposal but I have a great Project Director - Jessica Fries-Gaither that actually does the work!

**MyrnaT:** Wow!!!

**MyrnaT:** that's great... congratulations!

**KimberlySL:** Even though we say that the magazine is for elementary teachers - all age ranges are using the materials



**KimberlySL:** it is funded through National Science Foundation

**KimberlySL:** we've got five more issues to go - every other month starting October

**AIG:** It's incredible! So complete. Is this free?

**KimberlySL:** yes - free

**AIG:** Fabulous!

**KimberlySL:** The next issue is Peoples of the Arctic - very social studies/multicultural

**KimberlySL:** then in December - Keeping Warm

**KimberlySL:** AIG - you said so complete - thanks - but we are starting to add frameworks and other stuff to each issue to help teachers understand how they can integrate these resources into their existing curriculum

**AIG:** That's amazing.

**AIG:** This is so great!

**AIG:** I teach Earth Science so this fits perfectly into my curriculum.

**MyrnaT:** yes, that would help teachers a lot!

**KimberlySL:** that's wonderful

**KimberlySL:** you also might be interested in the Middle School Portal 2 wiki pages - we do more than just social network and webinar in that project - ha

**KimberlySL:** <http://wiki.nsd.org/index.php/MiddleSchoolPortal>

**KimberlySL:** Click on Explore In Depth Science in Table of Contents

**KimberlySL:** We also link to these science pages on the MSP2 social network site - <http://msteacher2.org> - look at the left side of the main page - Science Online Publications

**AIG:** Cool!

**KimberlySL:** MSP2 is my other National Science Foundation funded project

**AIG:** Oh yeah, I was just checking the minerals zone and it's fantastic!

**KimberlySL:** Are there any topics, pedagogies, technology (anything) that you would like help with?

**AlG:** Glaciers and minerals are weaknesses in my curriculum so I have plenty to work with now.

**MyrnaT:** so, all of the websites you've been talking about are about science only?

**KimberlySL:** Myra - the Middle School Portal is for math and science

**MyrnaT:** ah ok, thank you

**KimberlySL:** Beyond Penguins is science and literacy

**MyrnaT:** yes, but all of them have something to do with science then??

**KimberlySL:** what kind of teacher are you working to be?

**MyrnaT:** I'm planning to be a bilingual teacher, not an specific subject teacher

**KimberlySL:** I see

**BJB2:** teachers who are able to use their subject in a cross curricular way are much more effective

**MyrnaT:** yes, but then I see that this websites you've provided are very very helpful for any kind of teacher

**KimberlySL:** yes - science is at least a big part of what I work on

**MyrnaT:** I know BJ

**MyrnaT:** and this pages really got my interest

**KimberlySL:** that's good to know!

**KimberlySL:** I would think that Beyond Penguins with its focus on integrating literacy and science would be a good one for you

**MyrnaT:** yes, I think that too...

**BJB2** looks at the clock on the wall

**BJB2** . o O ( time flies when you're having fun! )

**MyrnaT** agrees with BJ

**AIG:** lol

**RaymondM:** speaking of which, I have a ride home to catch

**RaymondM:** thank you Kim for your time

**KimberlySL:** thanks to all for participating!

**AIG:** Thanks, Kim, this was great.

**KimberlySL:** Hope you join us in October

**KimberlySL:** first Wednesday of the month

**MyrnaT:** Congrats Kimberly!

**BJB2** hugs Kim. Thanks!

**KimberlySL:** Bye!