

Title of Session: Middle School Portal - Influenza

Moderator: Kimberly Lightle

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Room: Middle School Portal Group

LaurenF joined the room.

BJB2 smiles happily. Hi, Lauren!

KimberlySL: Hi Lauren

LaurenF: Hi!

BJB2: Is this your first discussion in Tapped In, Lauren?

LaurenF: Yes! I'm still just trying to figure it all out

KimberlySL: are you a pre-service teacher?

KimberlySL: science

LaurenF: pre-service?

KimberlySL: training to become a teacher

LaurenF: Oh no - I've been teaching for four years

KimberlySL: oh - what do you teach?

BJB2: Kim, why don't you introduce yourself to Lauren?

LaurenF: 6th grade self-contained (so math, language arts, science and social studies)

KimberlySL: I'm a science educator at Ohio State University - I teach pre-service and in-service teachers

KimberlySL: where do you teach?

LaurenF: Oh wow - Ohio! I'm in Fontana, California at Southridge Middle School

KimberlySL: cool!

KimberlySL: I'll go ahead and get started - the topic tonight in Influenza but I thought I

would step back and talk about germs in general

KimberlySL: to begin with

KimberlySL: I also wanted to say that I have a project called Middle School Portal and most of the resources we talk about tonight are from that project

KimberlySL: so what is a germ?

BJB2: wow...good question!

KimberlySL: I think that lots of people think of being sick but germ is another name for microbe so a germ can be helpful and harmful

LaurenF: The body has lots of germs inside, right? But we need them to function?

KimberlySL: that is right

KimberlySL: The four main types of germs are bacteria, viruses, fungi, and protozoa.

KimberlySL: for instance yeast is a fungi and we use it for making bread, etc so they can be helpful

KimberlySL: http://www.sciencenetlinks.org/interactives/germs_resource.html - give this link a quick look and you'll see the differences between them

KimberlySL: okay - let's just focus on viruses

KimberlySL: of course the one in the news has been the swine flu - H1N1

KimberlySL: another virus that we deal with is the cold virus

KimberlySL: so how do you know whether you have a cold or the flu

LaurenF: the fever!

KimberlySL: <http://www3.niaid.nih.gov/topics/Flu/PDF/sick.pdf> - click on this resources

KimberlySL: it is a nice table that indicates the difference between the two

KimberlySL: Another difference is the way they are transmitted - contact vs. through the air

BJB2: nice that there is a Spanish version also

LaurenF: Yes!

KimberlySL: This page includes a link to the podcast but quickly read the transcript - http://www.sciencenetlinks.com/sci_update.cfm?DocID=202

KimberlySL: Lauren - do you ever play podcasts to your students?

LaurenF: No, I haven't... not yet!

KimberlySL: I think it might mix things up! I'm sure you have auditory learners - it would really help them.

LaurenF: That's true - I'm a visual learner, so I sometimes neglect my poor auditory kids!

KimberlySL: back to the resource - I guess that wearing a surgical mask would help in decreasing an airborne disease

BJB2: one of the news people said that flu viruses go right through the masks

KimberlySL: I hadn't heard that but I do know that you can by masks with different size mesh

KimberlySL: <http://tinyurl.com/c5kcge> - this is a blog post that really covers a lot

KimberlySL: It starts with a really nice activity to do with students - it helps them get involved/be active learners

KimberlySL: Another lesson that is highlighted is Epidemic - <http://www.pbs.org/wgbh/pages/frontline/teach/lost/lesson3.html>

LaurenF: Kimberly, BJ - thank you for inviting me in here. I unfortunately have to leave now.

KimberlySL: The recommended levels are 9-12 but I wonder if you could have students do the activity (infecting each other by pouring water/sharing water in water glasses)

BJB2: thanks for taking some time to join the discussion, Lauren.

KimberlySL: and not have the big discussion

BJB2: I hope you will participate in more of the Tapped In calendar events!

KimberlySL: Lauren - sorry you have to leave but check out <http://msteacher2.org>

LaurenF: I think I will - Thank you! :D

LaurenF left the room (signed off).