

Teaching, Learning and Collaborating in a 21st Century Interconnected World



What is learning in the 21st century?

<http://worldlanguagestech.wikispaces.com/>

Toni Theisen

ACTFL TOY 2009

theisent@gmail.com

<http://worldlanguagestech.wikispaces.com/>

Loveland High School

Loveland, CO 80538

Critical and Creative Thinking

Questioning Strategies and Products using Bloom's Taxonomy

Lower-level Thinking Skills

Knowledge (know and aware)	Comprehension (understand)	Application (use, transfer)
<p><u>Key words</u></p> <ul style="list-style-type: none"> • know • recall • name • select • tell • match • state • recite • memorize • identify • list • label • choose • define • recognize 	<p><u>Key words</u></p> <ul style="list-style-type: none"> • summarize • define • restate • rewrite • translate • describe • discuss • estimate • illustrate • give examples • extrapolate • edit • use 	<p><u>Key words</u></p> <ul style="list-style-type: none"> • apply • construct • plan • utilize • interview • model • develop • organize • construct • role-play • research • solve • classify • manipulate • outline
<p><u>Sample questions</u></p> <ul style="list-style-type: none"> • What is...? • Where is...? • How did---happen? • Can you recall? • Can you list? • Who is...? • Who were the main...? • Why did...? • How is..? • Can you list all the words for ..? • How many...? 	<p><u>Sample questions</u></p> <ul style="list-style-type: none"> • How would you describe..? • Can you explain what is happening? • How would you summarize..? • What is the main idea..? • How would you illustrate..? • Where will you use....? • Who was main character? 	<p><u>Sample questions</u></p> <ul style="list-style-type: none"> • How would you apply this.? • What examples can you find to..? • What is significant? • What questions would you ask in an interview with..? • How would you role-play? • Can you group by.? • How would you solve this?
<p><u>Sample products</u></p> <ul style="list-style-type: none"> • practice exercises • vocabulary/grammar quizzes • chart. • facts in isolation • recite a poem • label the cities • match the following... • Match the foods 	<p><u>Sample products</u></p> <ul style="list-style-type: none"> • draw pictures, comic strips, graphics etc. • define.... • summarize the.. • retell the story • describe the ... • revise, edit • give a presentation 	<p><u>Sample products</u></p> <ul style="list-style-type: none"> • roleplays • artwork • use map, guides, charts, menus, schedules, etc • make models • demonstrations • graphic organizers

Critical and Creative Thinking

Questioning Strategies and Products using Bloom's Taxonomy

Higher-level Thinking Skills

Analysis (examine,relate)	Synthesis (create, design)	Evaluation (judge)
<p><u>Key words</u></p> <ul style="list-style-type: none"> • analyze • relationships • parts to whole • categorize • connect • distinguish • infer • compare/contrast • investigate • diagram • seeing patterns • dissect/separate • examine • review • solve 	<p><u>Key words</u></p> <ul style="list-style-type: none"> • create • design • hypothesize • invent • develop • compose • assemble • revise • compose • compile • build • generate • form • predict 	<p><u>Key words</u></p> <ul style="list-style-type: none"> • judge • evaluate • critique/criticize • justify • appraise/assess • prioritize • convince • support • conclude • defend • interpret • give opinion • give viewpoint • recommend
<p><u>Sample questions</u></p> <ul style="list-style-type: none"> • What is the relationship between..? • What evidence can you find..? • How is ____ related to ____? • How would you distinguish between..? • How is this similar? • What was the problem with..? 	<p><u>Sample questions</u></p> <ul style="list-style-type: none"> • What if..? • What might happen if you combined..? • How would you create a new ..? • What solutions might you suggest for..? • What if...? • What would happen if..? 	<p><u>Sample questions</u></p> <ul style="list-style-type: none"> • How would you prioritize...? • What do you recommend as the solution to the issue? • What criteria would you use to assess? • What do you think about..? • How would you justify..? • Do you believe..? • What is your conclusion?
<p><u>Sample products</u></p> <ul style="list-style-type: none"> • conduct survey • solve the mystery. • analyze a work of art • examine a poem.. • create a Venn diagram for ... • research and compare • examine pros/cons 	<p><u>Sample products</u></p> <ul style="list-style-type: none"> • invent a machine • design an ad • devise a way to. • write a new ending for.. • design a new CD cover for a song • create a lesson for.. 	<p><u>Sample products</u></p> <ul style="list-style-type: none"> • debate an issue • make a list of criteria to judge a.. • write a letter advising.. • write an editorial • cite sources to justify your point of view • rate the....

Type of question?

I. Using your Questions Chart for Bloom's Taxonomy identify at which level each question starter might be.

1. How would you show...?
2. Who were the main...?
3. What is the main idea?
4. How would you summarize...?
5. What approach would you use..?
6. What facts would you select to show...?
7. What conclusions can you draw..?
8. What ideas justify...?
9. How would you test for...?
10. Can you propose an alternative....?

II. You have chosen the family activity from the social relationships theme for class discussion today, but you want to ask some more questions. Create a/an

1. evaluation question
2. synthesis question
3. analysis question
4. application question
5. comprehension question
6. knowledge question

Video Activity:

US Boys: Jena Lee-French music video: <http://www.youtube.com/watch?v=5ih1p2Jn-EE>

Resources for podcasting/podcasts/voice recording

1. **Vocaroo:** <http://vocaroo.com/> Record voice messages, oral activities, etc. Embed on site.
2. **Voxopop:** <http://www.voxopop.com/> Create online talkgroups to answer questions share ideas. F
3. **Voicethread:** <http://voicethread.com/> Group conversations around images, documents and videos. Limited amount of free access
4. **Voki:** <http://www.voki.com> and http://www.voki.com/Voki_for_education.php You can your students can be talking Avatars. Free.



Resources for Word Clouds

5. **Wordle:** <http://www.wordle.net/> Generate word clouds from text for vocabulary, essays, songs, readings, stories, essay starters, etc.
6. **Word Mosaic:** word clouds in shapes: http://www.imagechef.com/ic/word_mosaic/

Resources for Comics

7. **Toondoo:** <http://www.toondoo.com/> Check out an easy way for students to write or create a cartoon or cartoon book.
8. **Go Animate Education:** <http://goanimate.com/>
9. **Make Believe Comix:** <http://www.makebeliefscomix.com/>
10. **Bubblr:** <http://www.pimpampum.net/bubblr/> Make comic using real pictures from Flickr

Resources for Writing

11. **Piclits:** www.piclits.com/ : Users pick an image from selection and then write. Use Freestyle choice in order to write in another language.
12. **Wallwisher:** (<http://www.wallwisher.com>) *Wallwisher* is an online notice board maker. Discussing a new idea? Taking notes? Giving feedback? Voicing opinion? Asking questions? Wallwisher is like a digital “sticky” note wall.
13. **Fotobabble:** <http://www.fotobabble.com/> Create and write” trading cards”.
14. **Tag Galaxy:** <http://taggalaxy.de/> Find Flickr pictures in an unique way

Resources for Storytelling

15. **Mixbook:** (<http://www.mixbook.com/>)-Make an online book with photos for free.
16. **Storybird:** <http://storybird.com/> Make a story using beautiful graphics from artists. Can be collaborative storytelling.
17. **Five Card Flickr:** <http://5card.cogdogblog.com/play.php?suit=5card> Lets you pick five photos from a group of pre-selected images from Flickr and then write a story about them. It saves your selection and story, and provides you with a link to it. No registration is required.

Maps

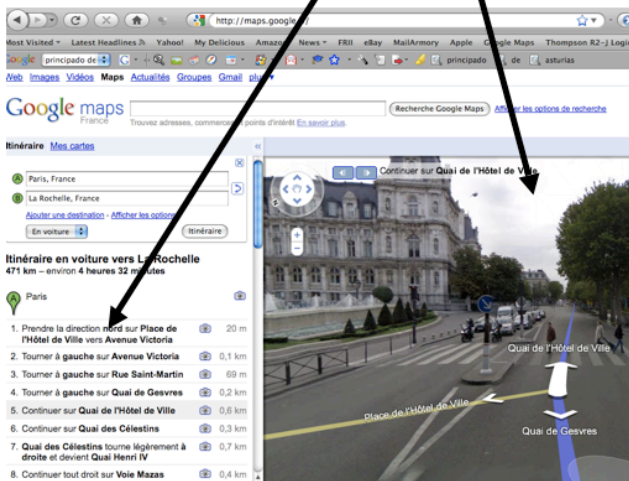
18. Google maps and directions in many languages:

Now go to maps.google.fr (French).
Repeat the whole process.
Yes, it is all in French.
(You don't have to do just French.
You can find directions for anywhere.)

Use Google directions in other languages.

How to Slideshow:

<http://www.slideshare.net/dakar95/google-maps-1-get-directions-1840486>



Resources for Making Movies

19. **Animoto:** (<http://animoto.com/>) Use pictures to create a story or share information. Get Animoto Education Edition: unlimited videos for you and your students. Lots like a music video. Think about changing your PowerPoint to jpg and make an Animoto
20. **Slide.com:** (<http://www.slide.com/>) Use pictures, add captions and music. Very easy to use. In fact, this is the easiest.
21. **One True Media:** (<http://www.onetruemedia.com/>) helps you turn your photos and video into slideshows and video montages for free. There is a 100 mg free upload per month
22. **Devolver:** (<http://www.dfilm.com/live/home.html>) an easy moviemaker with characters and scenes already available. Just add text.
23. **Stupeflix:** (<http://www.stupeflix.com/>) is a site that turns your pictures, videos, and text into videos. I find these one to be the most complicated.

Other tools

24. **Glogster:** (<http://www.glogster.com/>) a crazy mashup of pictures, videos, links, sound to make a digital poster Sound up for a free educational account.
25. **Blabberize:** <http://blabberize.com> Make pictures talk
26. **Face in Hole:** <http://www.faceinhole.com> Put your face in the place of famous people
27. **Polleverywhere**® (<http://www.polleverywhere.com/>) **alive audience polling uses cell phone to survey**
28. **Slideshare** (share powerpoints): <http://www.slideshare.net/>
29. **Tag Galaxy:** <http://taggalaxy.de/> Find Flickr pictures in an unique way
30. **Twitter** <http://twitter.com/>