DIGITALOCEAN: SAMPLING THE SEA

ESIP Summer Meeting 2009
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Sampling the Sea

Funded by the John D. and Catherine T. MacArthur Foundation

Our Ocean is at Risk

and it covers 2/3 of our planet

Ocean Literacy Lags...

Out of sight, out of the curriculum

Science and Social Media

Sampling data, images, and stories to bring a world of students into the conversation
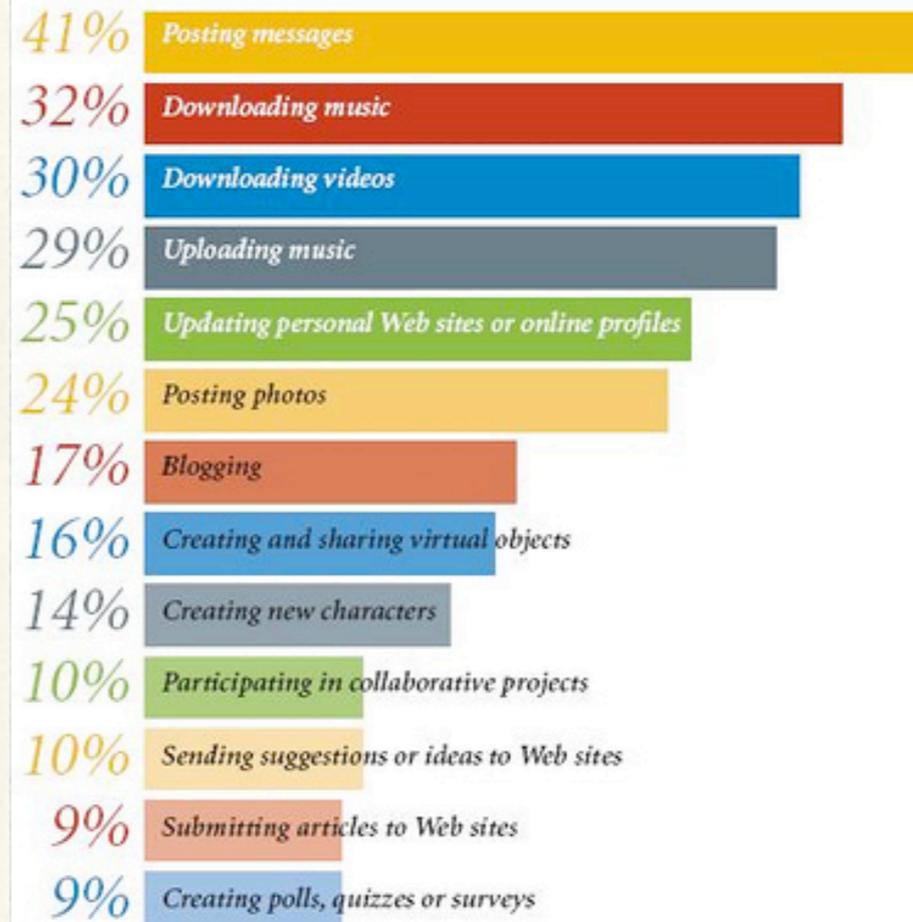
Social Networking in the Classroom

Sampling the Sea partners with ePals to use safe social media sharing

POPULAR SOCIAL NETWORKING ACTIVITIES

Percentage of online tweens and teens who say they do these activities at least weekly

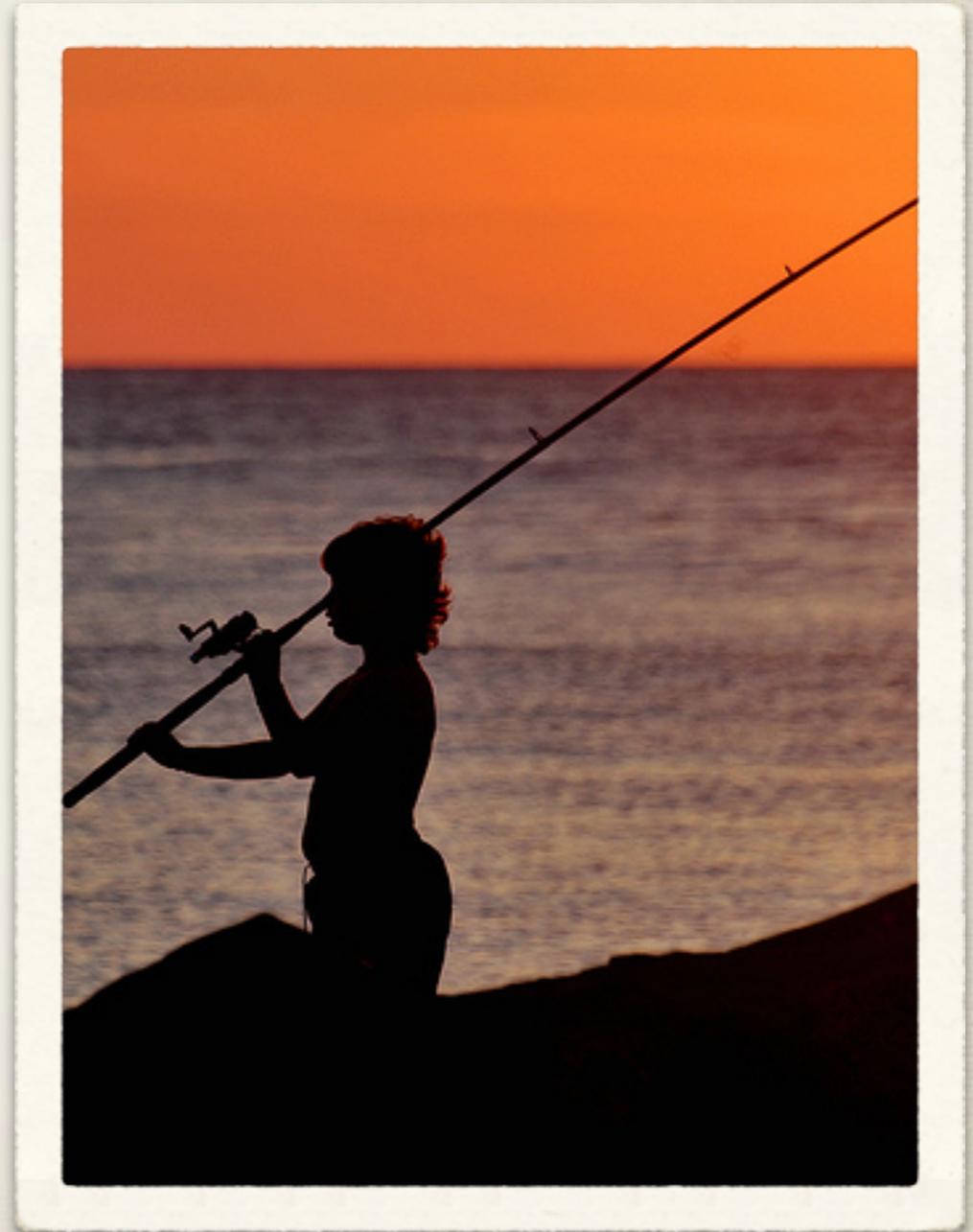| %	Activity
41%	Posting messages
32%	Downloading music
30%	Downloading videos
29%	Uploading music
25%	Updating personal Web sites or online profiles
24%	Posting photos
17%	Blogging
16%	Creating and sharing virtual objects
14%	Creating new characters
10%	Participating in collaborative projects
10%	Sending suggestions or ideas to Web sites
9%	Submitting articles to Web sites
9%	Creating polls, quizzes or surveys

Source: Grunwald Associates LLC

Students as Scientists

NASA GLOBE partner brings data collection savvy

Counting Fish

* students go shopping/ restaurant with parent

* students record fish names

* students take fish photos

* students write fish stories

talking fishing

* curricular materials on the following:

  * fisheries/ecology

  * sustainability issues
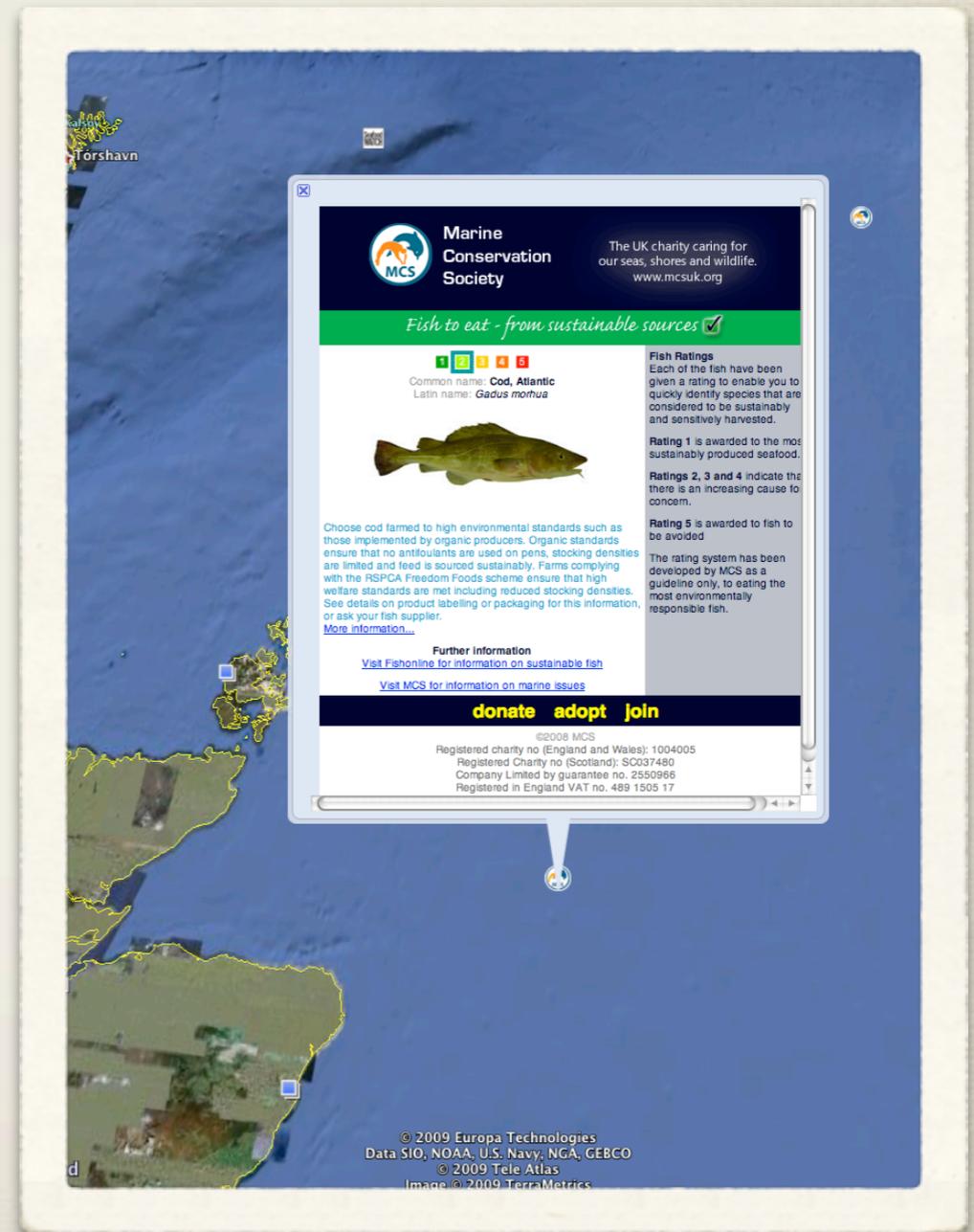
  * relationships between eating and catching fish

you eat that?

* student-to-student conversations on ePals

* teacher-to-teacher interactions too

* global reach with multilingual capabilities

Getting the bigger picture

* Data displays on Google Earth/Ocean

  * student data: aggregated to region

  * fisheries: sustainable or not?

  * linking fisheries data and student data

Our Ocean Needs You, so do we

✳ Sampling the Sea is just starting:

   ✳ we need your help to make this swim

   ✳ can you build learning content? give us feedback? use it in your classroom? tell others?

Enable SMS as a data collection method...

also mms...

DO this after the tests (May?)

talk to big store fish buyers (Walmart)

health unit too... eating fish

fish names and information issues

math problems graphing

Getting new information out in the fall...

deadliest catch... whale wars...

CSFs (community supported fisheries)

warning about taking pictures (ask before you take)

photo release...

epals parent notification

busing to the store... $$$$

getting the store's outreach effort to bring fish to school