

Trust Me to Connect

Connected year 7-8

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| Connect | <p><i>This activity should allow students to contribute ideas to create a big picture of perfection and to collaboratively define integrity and what it means in a range of contexts.</i></p> <ul style="list-style-type: none"> Go online to provide some beautiful images of snowflakes. Demonstrate ‘safe searching’ processes to locate the pictures or carefully spelling the URL and making sure it is exact and acknowledge the copyright of the photographer as you copy them for educational purposes and display them for the duration of the lesson or module. Ask students to respond to the photos. What are they? How can they all look so different but still be the same? How would you describe them to someone who doesn’t know what a snow crystal looks like? What could it represent as a symbol? Can students think of other symbols which could also represent purity or perfection? Discussion could include an apple. What qualities make a perfect apple? If you put a quality sticker on it is it still perfect? If the front half is perfect how do you know there isn’t a bite out of the back or a worm in the middle? If it looks like an apple but tastes like a cherry? etc <p>Activity: ‘Boolean’ word game. Have three cut out snowflakes (or apples or jig saw shapes). One with ‘AND’, one with ‘OR’ and one with ‘NOT’ written on it.</p> <ul style="list-style-type: none"> Display a list of words which students are to sort into two baskets/trays or sides of the display area, according to rules which they will figure out as you agree or disagree. Model placing three words eg whole AND complete OR perfect, Play AND enjoy NOT cheat, fact OR true NOT lies, pass a shape/word to a student as they catch on and students complete sorting your word list... and possibly add and invent their own. (fact/fiction, pure/polluted, news/gossip, belongs/different, evidence/guess, logical/chaotic, accurate/sketchy, proof/guess, ordered/jumbled, trust/doubt, right/wrong, real/fake...) Give feedback and discuss how the words are being sorted so an evolving picture of perfection, truth and integrity is emerging. When the word sorting is complete ask students to explain the principles or rules they were using to place the words and finally develop an agreed definition of integrity. The quotes below from wiki or from national geographic could also be used by advanced students or rephrased in vocabulary that students will all know. What does integrity mean in this context? (mathematical, personal, artistic, cultural...) <p>‘In maths integrity can be proven. A proof must demonstrate that a statement is true in all cases, without a single exception.’</p> <p>‘People are said to have integrity to the extent that they behave according to the values, beliefs and principles they claim to hold. One's value system may evolve over time while retaining integrity if inconsistencies are accounted for and resolved.’</p> <p>‘As an organization that seeks to inspire others to care about the planet, National Geographic is committed to sustaining the character and integrity of each place we visit – its environment, culture, heritage, and the well-being of its residents. In providing authentic travel experiences for students, we strive to protect the sites we visit and to support local economies in our choice of accommodations and services.’</p> | <p>Resources</p> <p>http://news.nationalgeographic.com/news/2004/02/photogalleries/snowflakes/photo3.html</p> <p>http://en.wikipedia.org/wiki/Integrity</p> <p>http://boolify.org/</p> <p>http://www.boolify.org/curriculum/Boolify_Activities_And_Or_Not_v1.doc</p> |
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| Activate | <p>Activity: Use the activity in the curriculum tab of the Boolify website to demonstrate Boolean search operators. E.g.</p> <p>AND</p> <ul style="list-style-type: none"> ▪ All students wearing blue jeans to stand up ▪ All students wearing blue jeans AND who are girls to stand up ▪ All students wearing blue jeans AND who are girls AND with a name that starts with “A” to stand up <p>OR</p> <ul style="list-style-type: none"> ▪ All students wearing blue jeans OR t-shirts to stand up ▪ All students wearing blue jeans AND t-shirts OR caps to stand up <p>NOT</p> <ul style="list-style-type: none"> ▪ All students wearing t-shirts but NOT jeans, stand up ▪ All students who are boys and NOT wearing sandals, stand up <p>Record the numbers of ‘results’ and repeat the process to see if the results had ‘integrity’ i.e. are true each time. Discuss the need for the students to have integrity to respond truthfully and accurately to make it work the same every time. What else can cause results to change and what helps it to work well? E.g. collaboration, clear language, lots of information, verification....</p> <p>Ask students to rate themselves out of five stars (snowflakes) for 1)personal integrity and 2) confidence to go online and find exactly what they are looking for 3) trust that teachers and parents have in what students will choose to view and learn from, create and publish.</p> | |
| Demonstrate | <p><i>Allow students to demonstrate their own self-rated level of integrity and confidence to connect and manage their search using Boolean operators. Provide feedback, which gives specific advice on the process of refining the search and making the best choices for authentic, trustworthy information and how to use that information with integrity.</i></p> <p>Activity: Continue with selected parts from the activity/lesson on the Boolify website. E.g.</p> <ul style="list-style-type: none"> • Have the students work in pairs to pick a favourite topic, and then search for things related to that topic. One student should propose keywords, and the other, to help choose Boolean to further limit the search results. • Have students tell you their research topic (if applicable) and explore their thoughts about how to create a search that will get them detailed, relevant information. | Assessment |

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| Consolidate | <ul style="list-style-type: none">• Discuss how this work relates to their research class work and their use of the internet for homework or learning about a topic which they are passionate about.• Have students teach back to others (on a projector, if available) the use of AND, OR and NOT. Have students model Boolean on the web, using the number of results to explain how they limited or widened their query and how they needed to use personal integrity to make choices at times. | |
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