Students in Images of Nature classes (mostly 1st semester freshman) participated in an in-class workshop on plagiarism. The workshop included 2 group exercises and class discussion regarding when and how plagiarism often occurs, how to avoid plagiarism, the need to cite sources, and consequences of plagiarism.

Goals of the workshop
1. Identify behaviors that can lead to plagiarism as a means of avoiding plagiarism in own writing
2. Identify when a citation is needed to avoid plagiarism in own writing

Assessment Method
At the end of the workshop students independently answered 6 multiple choice review questions on a paper handout. These questions reflect students’ knowledge of citing sources as a means to avoid plagiarism after the workshop instruction was complete. The correct answers are highlighted in yellow.

1. When paraphrasing I (check all that apply):
   - Should put the main ideas into my own words
   - Should substitute a few of the original words with my own wording
   - Should cite the source in the works cited/reference list

   Correct 63 (85%) students answered the question correctly
   Incorrect: 11 (15%) students answered the question incorrectly including 6 that marked only one answer

2. When using information found on the internet I (check all that apply):
   - Do not need to cite the source because information on the internet is available to use freely
   - Should cite the source in the works cited/reference list
   - Should provide an in-text citation because it is someone else's work

   Correct: 67 (91%) students answered the question correctly
   Incorrect: 7 (9%) % students answered the question incorrectly all of which only marked one answer

3. When using direct quotations I (check all that apply):
   - Should substitute some of the original wording with my own words
   - Should use quotation marks or indentations
   - Should cite the source in the works cited/reference list

   Correct: 69 (93%) students answered the question correctly
   Incorrect: 5 (7%) % students answered the question incorrectly including 4 that marked only one answer
4. When paraphrasing I (check all that apply):

☐ Should include an in-text citation because it is the ideas of someone else
☐ Do not need to include an in-text citation since it is not a direct quotation
☐ Should cite the source in the works cited/reference list

Correct: 62 (84%) students answered the question correctly
Incorrect: 12 (16%) students answered the question incorrectly including 5 that marked only one answer and 1 that did not mark any answers

5. When using just a few words from a sentence I (check all that apply):

☐ Should use quotation marks if the words are identical to the original writing
☐ Should cite the source in the works cited/reference list
☐ Do not need to provide an in-text citation because it is just a few words and not a complete sentence

Correct: 65 (88%) students answered the question correctly
Incorrect: 9 (12%) students answered the question incorrectly including 8 that marked only 1 answer and 1 that did not mark any answers

6. When using a chart, graph, photograph or other visual image I (check all that apply):

☐ Do not need to cite the source because images do not require citations
☐ Should cite the source if the work is not my own
☐ Do not need to cite the source if I created the work

Correct: 49 (66%) students answered the question correctly
Incorrect: 25 (34%) students answered the question incorrectly including 24 that marked only 1 answer and 1 that did not mark any answers

Conclusions
A large majority of students answered the review questions correctly with 5 out of 6 questions answered accurately by 85%-93% of students and 1 question answered correctly by 66% of students. Through these questions students identified the need for a citation both in-text and in a works/cited reference list, with the use of a paraphrase, and with the use of a direct quotation. Also, students identified the need to use quotation marks for direct quotes and the need to put ideas into own words for paraphrases. For many of the students who answered a question incorrectly they did so by only marking 1 answer, often one of the two correct answers resulting in a partially correct question. With most students answering the review questions correctly, they demonstrated a strong understanding of avoiding plagiarism through the citing of sources.

Association of College and Research Libraries Information Literacy Competency Standards for Higher Education outcomes achieved through this workshop
5.2.f Demonstrates an understanding of what constitutes plagiarism and does not represent work attributable to others as his/her own