

WIKIPEDIA EDUCATION PROGRAM IN THAILAND: A THREE-YEAR EXPERIENCE

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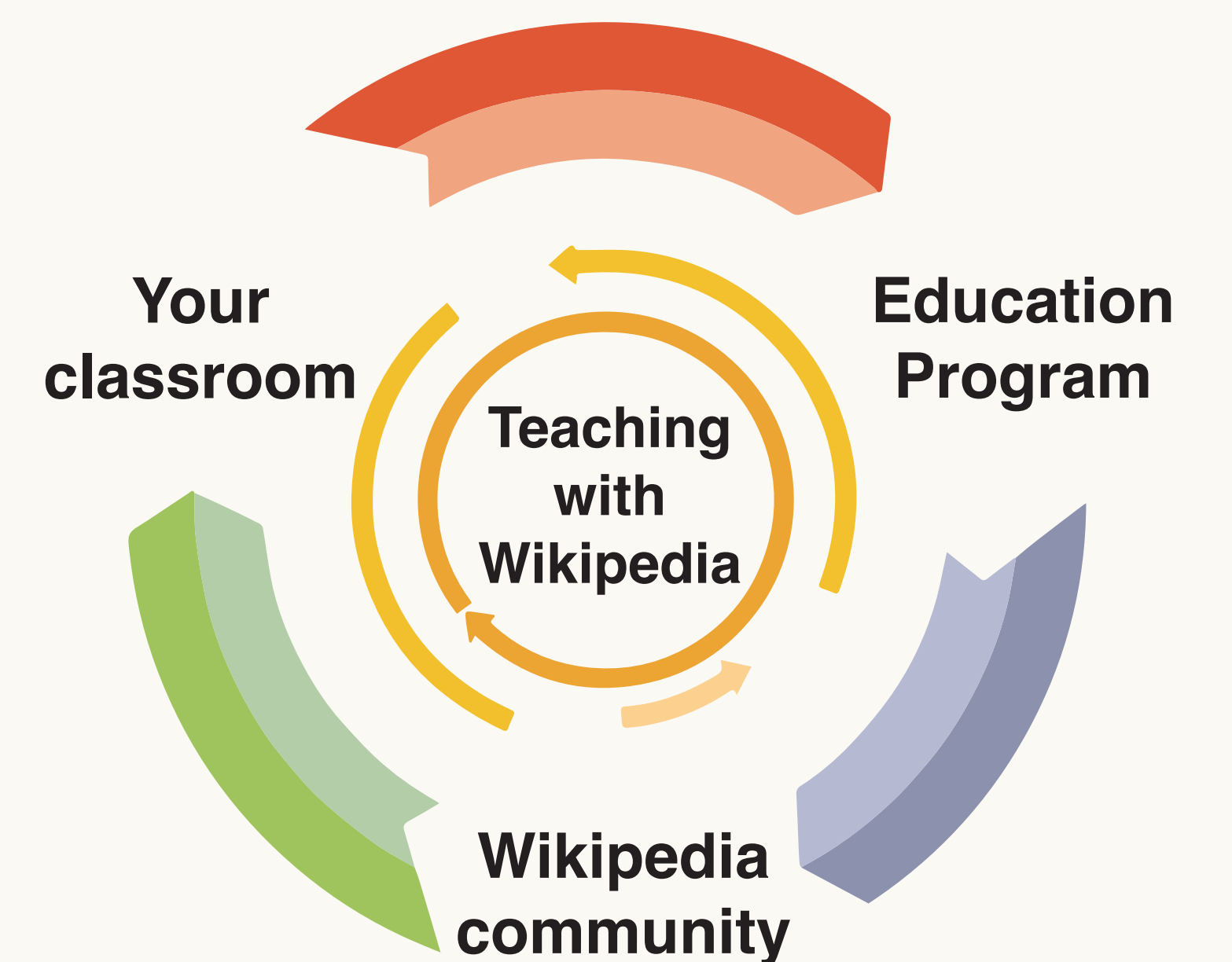
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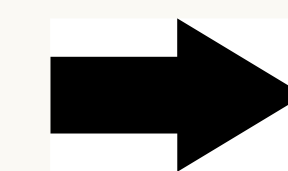
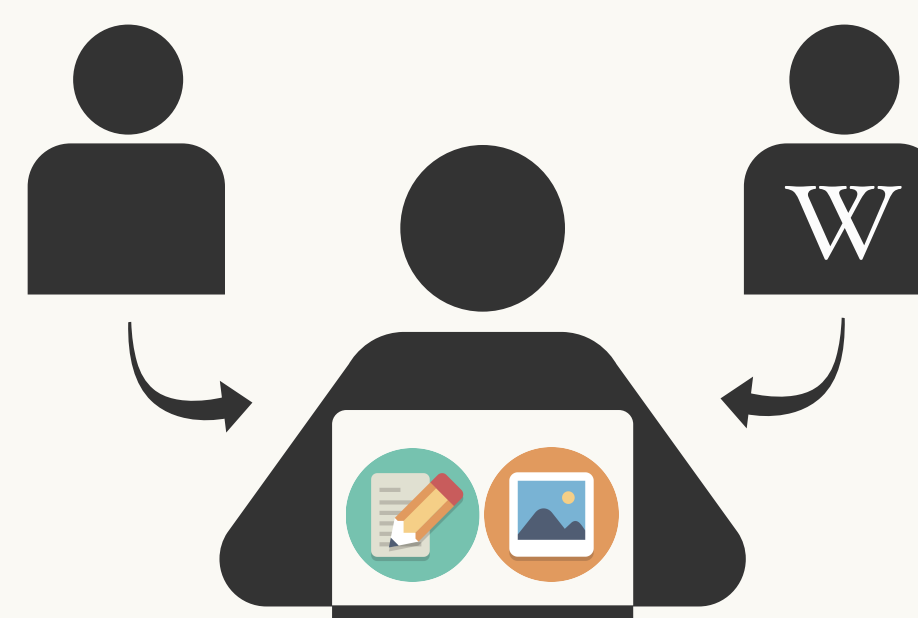
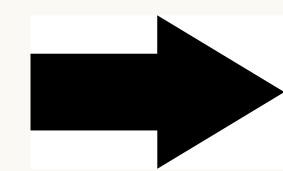
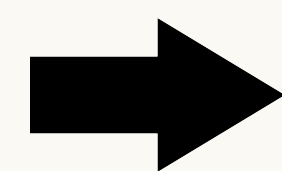
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BACKGROUND

- Since the founding of Wikipedia in 2001, educators around the world have integrated the free encyclopedia which anyone can edit into their curriculum.
- Educators and students share free knowledge by contributing to Wikipedia and its sister projects in an academic setting.
- Writing Wikipedia is an opportunity to teach students 21st century skills that most will use in their careers and personal lives such as information literacy, collaborative skill, and critical thinking.



METHODOLOGY



- Students were introduced to Wikipedia and its education program in class.
- Student participation in the program was entirely voluntary.

- Students completed online training:
 - 1) The cores of Wikipedia
 - 2) Editing
 - 3) Advanced editing
- Students who did not complete the training were excluded.

- Students worked on text and illustration of their article to meet course requirements.
- Students' work was subject to peer review and scrutiny by other Wikipedians.

- Students' contributions were graded quantitatively and qualitatively.
- Exit survey was administered to determine students' perception of the program.

RESULTS

Students' contributions

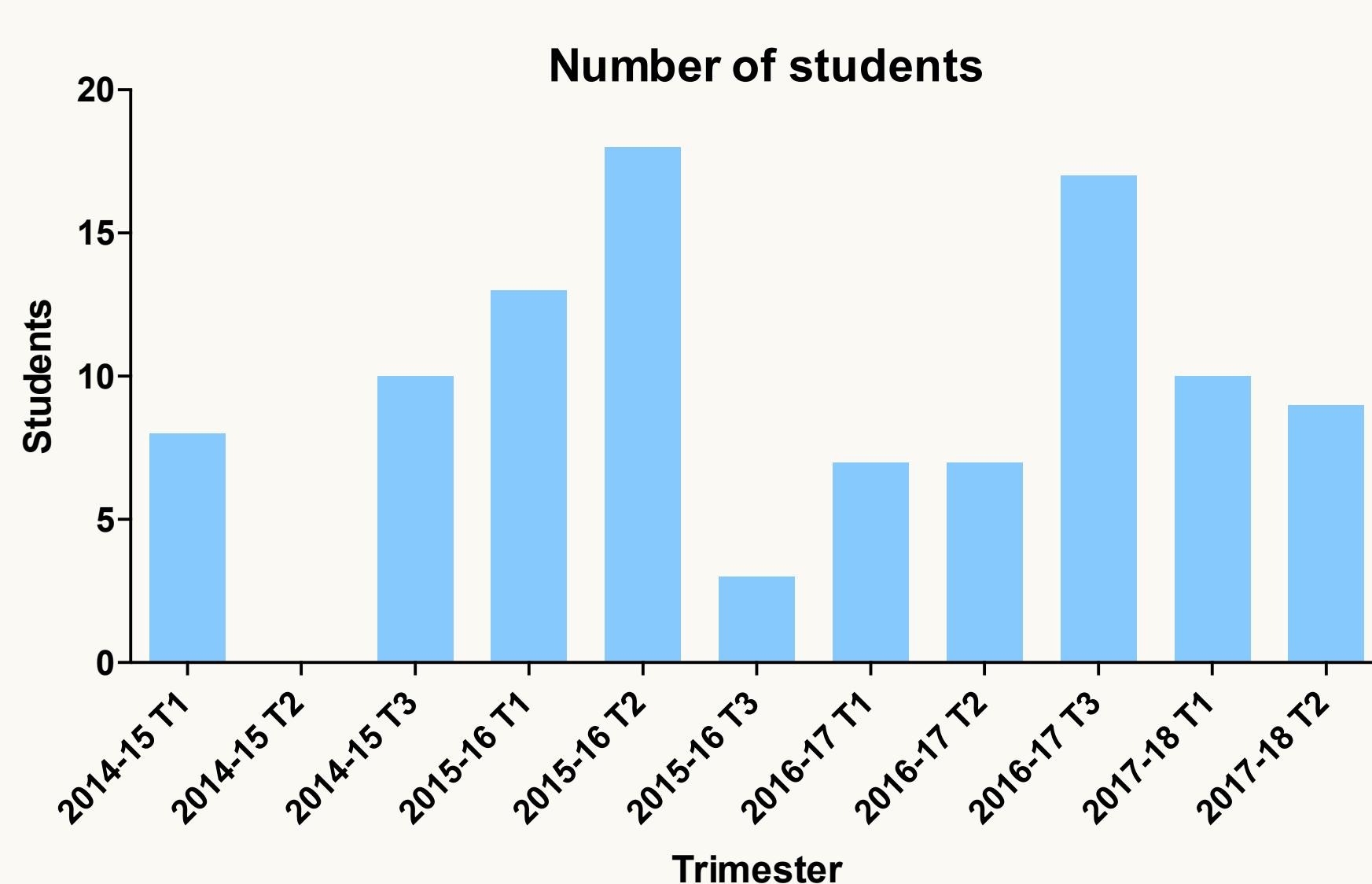


Figure 1: One-hundred and three students have participated in the education program since September 2014.

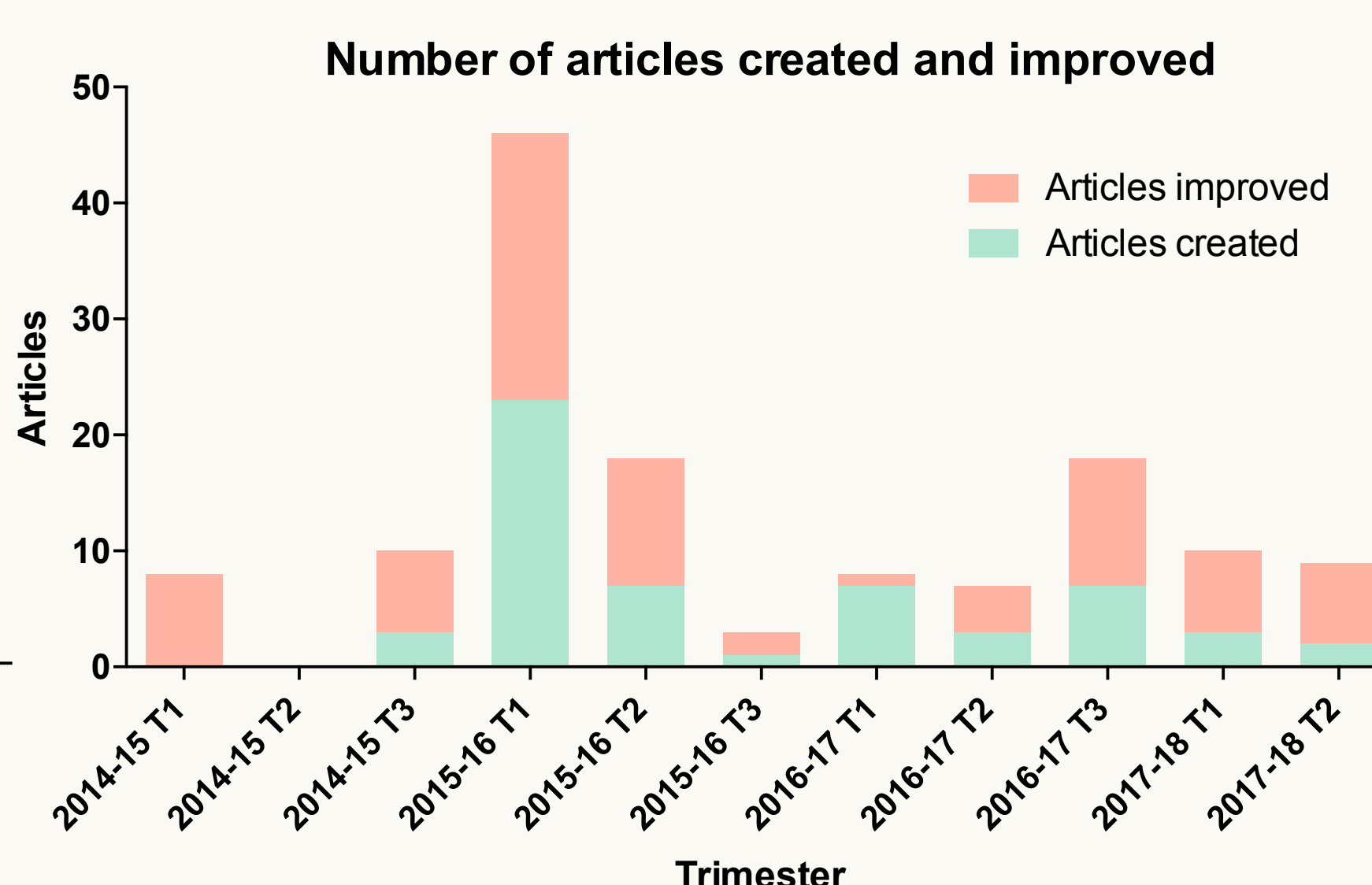


Figure 3: A total of 56 articles were created, and at least 81 articles were improved.

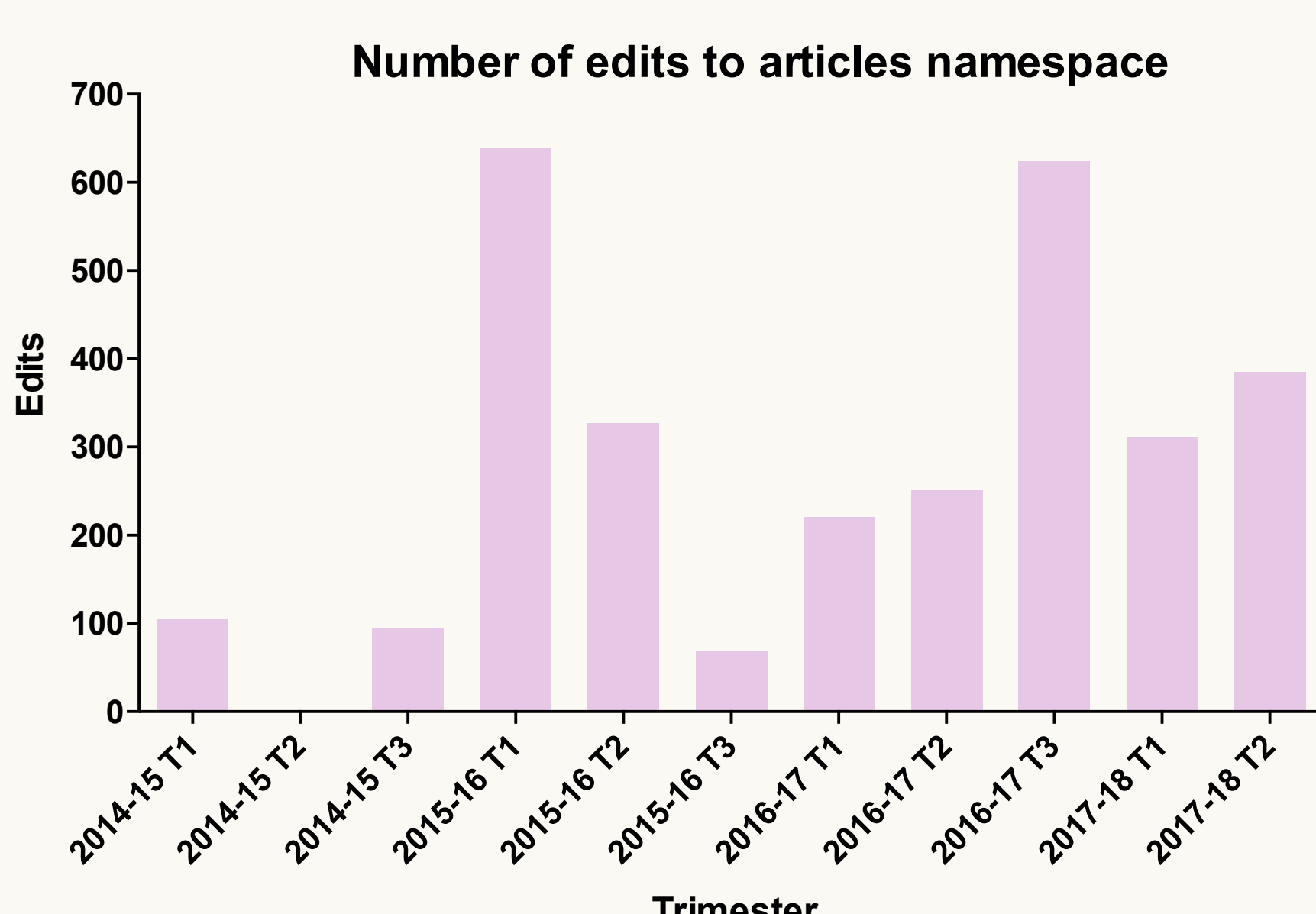


Figure 2: A total of 3,204 edits were made to articles on the English Wikipedia.

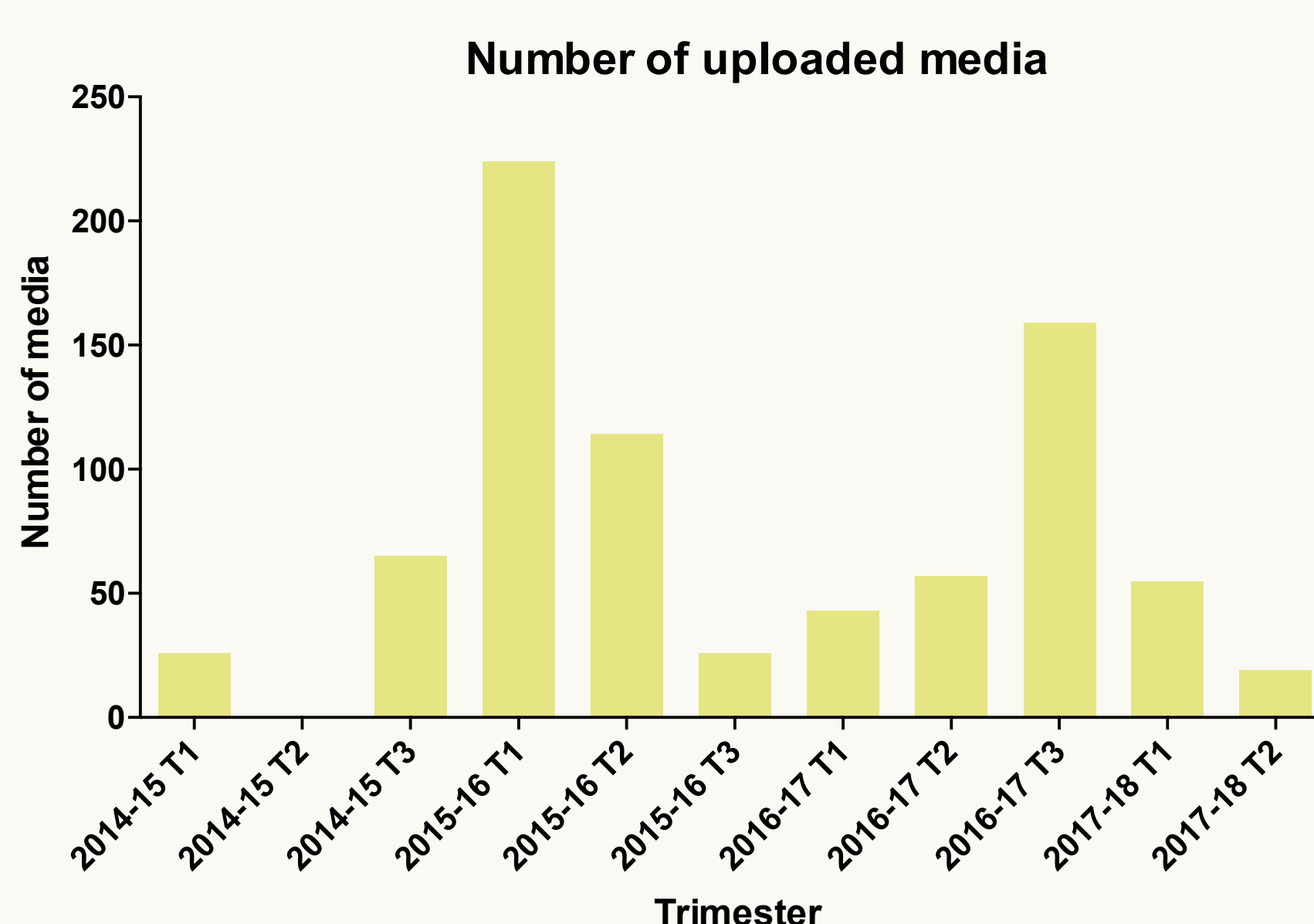


Figure 4: A total of 788 media were uploaded to Wikimedia Commons.

CONCLUSIONS

- Wikipedia writing assignment has been incorporated into undergraduate chemistry classes at Mahidol University International College since September 2014.
- One hundred and three students participated in the program.
- Fifty six high quality articles were created, and more than 81 articles were improved.
- Students' contributions were equivalent to 364 written pages.
- Wikipedia assignment promotes 21st century skills such as critical thinking, collaboration, and information literacy.



REFERENCE

Suwannakhan A & Limpanuparb T. 2017. Wikipedia writing assignments: a one-year pilot program in chemistry classes at Mahidol University. *Catalyst*. 15(2): 65-79.

Acknowledgements

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