

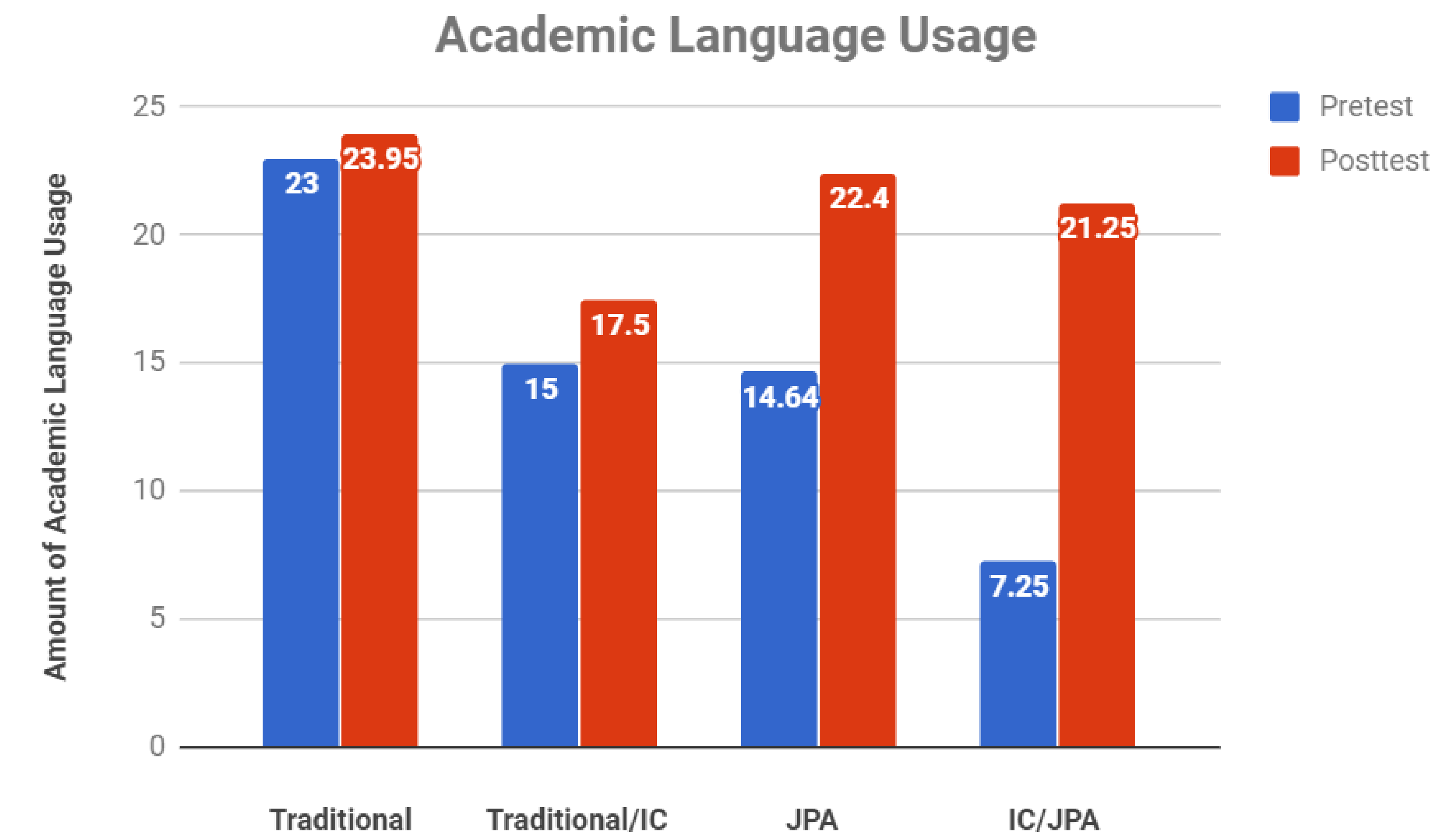
# The Impact of the IC on Academic Language Usage

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Two Barrow County middle school science classrooms (same teacher) were split into groups based on instruction type, then given the same pre/post test (short answer responses about genetics).

Question: Were there any differences in the correct use of academic language on the post test based on use of Joint Productive Activities (JPA)?

Class Period	Instructional Model	Academic Language Usage
Period 4	Traditional	4.12%
Period 4	Traditional w/IC-JPA group	16.67%
Period 6	Independent JPAs	52.97%
Period 6	Independent JPAs w/IC-JPA Group	193.10%



- 7th grade science classrooms took genetics pre/post tests with short answer questions.
- Uses of genetics academic language were counted for pre/post tests.
- Period 4 class correctly used Academic Language at a higher rate during the pretest (**blue bars**) than Period 6 students.

**When the teacher used IC-JPAs and Independent JPAs in Period 6, the students' correct use of Academic Language increased - leveling the playing field!**

