

64 possible interaction designs in terms of quality/quantity

| | Quality/Quantity of each interaction type | | | Corresponding Thesis |
|----|---|-----------|-----------|----------------------|
| 1 | High SC | High ST | High SS | Thesis 2 situation |
| 2 | | | Middle SS | Thesis 2 situation |
| 3 | | | Low SS | Thesis 2 situation |
| 4 | | | No SS | Thesis 2 situation |
| 5 | | Middle ST | High SS | Thesis 2 situation |
| 6 | | | Middle SS | |
| 7 | | | Low SS | |
| 8 | | | No SS | |
| 9 | | Low ST | High SS | Thesis 2 situation |
| 10 | | | Middle SS | |
| 11 | | | Low SS | Thesis 1 situation |
| 12 | | | No SS | |
| 13 | | No ST | High SS | Thesis 2 situation |
| 14 | | | Middle SS | |
| 15 | | | Low SS | |
| 16 | | | No SS | Thesis 1 situation |
| 17 | Middle SC | High ST | High SS | Thesis 2 situation |
| 18 | | | Middle SS | |
| 19 | | | Low SS | |
| 20 | | | No SS | |
| 21 | | Middle ST | High SS | |
| 22 | | | Middle SS | |
| 23 | | | Low SS | |
| 24 | | | No SS | |
| 25 | | Low ST | High SS | |
| 26 | | | Middle SS | |
| 27 | | | Low SS | |
| 28 | | | No SS | |
| 29 | | No ST | High SS | |
| 30 | | | Middle SS | |
| 31 | | | Low SS | |
| 32 | | | No SS | |
| 33 | Low SC | High ST | High SS | Thesis 2 situation |
| 34 | | | Middle SS | |

| | | | | |
|----|-------|-----------|-----------|--------------------|
| 35 | | | Low SS | Thesis 1 situation |
| 36 | | | No SS | |
| 37 | | Middle ST | High SS | |
| 38 | | | Middle SS | |
| 39 | | | Low SS | |
| 40 | | | No SS | |
| 41 | | Low ST | High SS | Thesis 1 situation |
| 42 | | | Middle SS | |
| 43 | | | Low SS | |
| 44 | | | No SS | |
| 45 | | No ST | High SS | |
| 46 | | | Middle SS | |
| 47 | | | Low SS | |
| 48 | | | No SS | |
| 49 | No SC | High ST | High SS | Thesis 2 situation |
| 50 | | | Middle SS | |
| 51 | | | Low SS | |
| 52 | | | No SS | Thesis 1 situation |
| 53 | | Middle ST | High SS | |
| 54 | | | Middle SS | |
| 55 | | | Low SS | |
| 56 | | | No SS | |
| 57 | | Low ST | High SS | |
| 58 | | | Middle SS | |
| 59 | | | Low SS | |
| 60 | | | No SS | |
| 61 | | No ST | High SS | Thesis 1 situation |
| 62 | | | Middle SS | |
| 63 | | | Low SS | |
| 64 | | | No SS | |

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Notes

- SC: Student-Content interaction, ST: Student-Teacher interaction, SS: Student-Student interaction
- It is not supposed that high quantity always assures high quality.