In this course, we will work on pre-algebra problems and applications. While teaching problem solving skills, we emphasize more on problem solving speed and efficiency, thus to lay foundation for more advanced math learning. There are a lot of pre-algebra subjects we would like to cover. However, it seems the summer is short and there are only 11 weeks with one week for national holiday, so we would like to cover following subjects first:

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| **Date** | **Topic** | **Comment** |
| 06/17/2023 | Additions and Tricks |  |
| 06/24/2023 | Simple subtractions with focus on speed |  |
| 07/01/2023 | Holiday |  |
| 07/08/2023 | Circle and circle sector applications |  |
| 07/15/2023 | Prime numbers and composite numbers |  |
| 07/22/2023 | Permutations and combinations |  |
| 07/29/2023 | Proportion and applications |  |
| 08/05/2023 | Remainder and CRT |  |
| 08/12/2023 | Geometry and simple applications |  |
| 08/19/2023 | Clock problems and applications, Profit and loss applications, Tree planting applications |  |
| 08/26/2023 | Simulation Test-Pre-Algebra II |  |