



Subject: Math

Grade Level: 7th

DI Strategy: Targeted Check, Tiering

Targeted Check on Interest, Discounts, and Percentages

What skill(s) were you targeting and why?

Calculating interest, discounts, and percentages are skills that students typically struggle with which is why this is perfect for a targeted check.

What targeted check did you give to students and what did you notice?

Students were given a ten question targeted check on discounts, simple interest, and percent of change. They did this check independently and handed it in. Here is a sample from that targeted check:

2. Mountain Island Elementary enrolls 50 kindergarteners every year. Next year, they are moving to a smaller building and will only be able to enroll 42 kindergarteners. To the nearest percent, what is the percent of decrease in the amount of students who will be enrolled?

3. You bought a \$15 lunch. You leave a 20% tip. How much money did you leave as a tip?

How did you respond to the targeted check data?

I placed students into homogeneous groups of four. Each group was working on one of the following assignments based on their area of need:

- Practice with discounts
- Practice with simple interest
- Practice with percent of change
- Practice with discounts and simple interest
- Enrichment of the three skills (this group only had two students)

In each group, the students worked cooperatively to solve the problems and self-checked their answers using the answer keys placed around the room. Students who correctly answered all questions in the targeted check worked with me on an enrichment activity on the Smartboard.

Following this enrichment activity, these students sat as a partnership and worked collaboratively on a Simple Interest Enrichment Worksheet.

How were students engaged at the correct level of difficulty?

Students who understood all of these concepts got to work with me, which was a nice change as I don't normally get to work alone with these students. Then I was able to check in and help the other students when those kids began their enrichment activity.