# Math Reciprocal Teaching Chart

## Clarifier (gets the problem started)

| Prompt starters | Possible responses |
|---|---|
| • What is the problem asking?<br>• What type of problem is this?<br>• What happens in the problem?<br>• What do we need to know?<br>• What is your estimate for the answer?<br>• What important information is in the problem?<br>• What information is given that we don't need?<br>• Can we find any patterns? | • We need to use_____, but _____ is extra information we don't need<br>• We need to focus on_____<br>• In order to____, we need to …<br>• In other words …,<br>• This is just like the problem about ____because ____<br>• I understand that part, but I want to know more about ____ |

## Planner

| Prompt starters | Possible responses |
|---|---|
| • What is a possible plan to solve this?<br>• How do we begin or how can we break this down?<br>• How else can we show/do this?<br>• Which method is most useful and why?<br>• How can we draw/graph this?<br>• What other symbols can we use?<br>• How can we write what we are thinking and doing? | • We can start by_____<br>• Another way to show this is ____<br>• Maybe we can use_____<br>• We can draw it like this because it says_____<br>• Let's try _____ and see what happens<br>• This way makes more sense because …<br>• Let's back up and try a different way |

## Questioner

| Prompt starters | Possible responses |
|---|---|
| • Can you explain why you_____?<br>• What does that mean?<br>• Can you give an example of what you mean?<br>• What math rule are you using?<br>• What are examples of this problem in real life?<br>• How did you get that answer? | • We need to use_____, but _____ is extra information we don't need<br>• We need to focus on_____<br>• In order to____, we need to …<br>• In other words …,<br>• This is just like the problem about ____because ____<br>• I understand that part, but I want to know more about ____ |

## Summarizer

| Prompt starters | Possible responses |
|---|---|
| • Do you agree/did I explain it correctly?<br>• Can we find a shortcut or make the problem easier?<br>• What math language can we use to explain how we know our answer is accurate?<br>• How could we use this problem to help us solve other problems? | • I would add on to your idea about____<br>• We can leave out_____ because it's not important to the problem<br>• I see it a different way … it makes me think of _____<br>• That idea connects to____<br>• Let's connect this problem to____ |