Doing base 10 blocks for an addition problem while showing the standard algorithm (with exchanging):

- ☐ Set up the materials for the two addends
- ☐ Add the ones
- ☐ Say and do "Trade 10 ones for 1 ten"
- ☐ Say and write the new the 1's amount,
- ☐ Say and write "The ten goes with the other tens, so I write a 1 in the tens place"
- ☐ Add the tens
- ☐ Say and do "10 tens is the same as 1 hundred, so trade 10 tens for 1 hundred"
- ☐ Say and write the new the tens amount,
- ☐ Say and write "The hundred goes with the other hundreds, so I write a 1 in the hundreds place"
- ☐ Add and write the hundreds

Doing base 10 blocks for a subtraction problem while showing the standard algorithm (with exchanging):

- ☐ Set up the materials for the minuend
- ☐ Explain why you need to trade to solve the problem.
- ☐ Say and do "trade 1 ten for 10 ones"
- ☐ Say and write the new number of 10s and the new number of 1's
- ☐ Take away the ones. Say "I take away ___ from ___ and I have ___ left"
- ☐ Write the ones left
- ☐ Say and do "trade 1 hundred for 10 tens"
- ☐ Say and write the new number of hundreds and the new number of tens
- ☐ Take away tens from tens. Say "I take away ____ tens from ___ tens and I have ____ tens left"
- ☐ Write the number of tens left
- ☐ Take away hundreds from hundreds. Say "I take away ____ hundred from ___ hundred and I have ____ hundred left"
- ☐ Write the number of hundreds left