

Purposes of Questions (and Examples)

Asked questions to get the students to collaborate on solutions....
Freeman... how did he get those?

Asked questions to get them to listen & speak with each other... esp. when others are explaining. Asking can they hear each other.... When Shakira discussed conferring, "one of the things that is important is hearing each other"... "could you repeat"

Classroom management type of questions... directing attention... how do we respond to each other .. Same example

Asked a lot of explanation questions... "Can you prove that?".... "Who would like to share another solution they came up with?"

Recall certain things .. "what problem is this similar to?"... only at the beginning of the class.. .after that it was deeper level questions

Two kinds of explanation questions... general classroom "How are we going to know we have all the solutions" versus individual "Why do you (Gillian) think she is right?"

In the first time that she stops everybody... Mick says "I think I came up with one more"... she affirmed that although it contradicts what she was working on. Hmmmmm??? Good idea on post it and discuss later.

Scaffolding questions... Shea... 15 cents? I'm not sure... what are you trying to figure out... silent... gave lots of time... took it back a step.. How much is one nickel... Shea can fill it in after that prompt.

Modeling question... Is that three coins?

Reflection... at the end of the lesson... she probes them to be reflective about their thinking & process ... did you notice that when..... Was that a good explanation.... Talking about the classroom norms & procedures and reflect on them.

Yes/No/True... "anybody disagree with it?" Deeper than just yes/no but need example...

Gear students towards analysis... is there a reason why you predicted ten... how would you know you had them all...

Distinction between general analysis or looking at a specific case...
"does anyone have a prediction"

Critical question at 1:05... "can someone give one example of money you might have"... test of the instructions

Teachers will revoice ... she asked the questions to get the students to revoice their answers... use their behavioral aspects to reinforce their conceptual.... Talking to Shakira... asking her the question... Shakira answers... listen to one another... has Shakira says again... she then goes into a probing question... Shakira/Lin gave two different ideas....