We Collaborate to Solve Problems
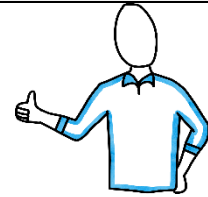
What are you trying to do?

Do you understand the purpose?

Prompt:
What is your plan for solving this problem?

What have you tried already?

Describe the steps you have already done.

Prompt:
1. What did you start with?
2. Why did you choose that sequence, block, etc.?
3. Does that make sense?
4. Can you explain this part to me?

What else do you think you can try?

Brainstorm ideas and then take a chance.

Prompt:
1. Is this like another problem you have solved? How?
2. Can you use your previous solution to help you solve this one?
3. Is there a part that works?
4. Where does the plan stop working?
5. Do you see any patterns that may help you?

What would happen if?

List some possible solutions and predict outcomes. Test them.

Prompt:
1. What do you think will happen? Let's try.
2. What would happen if you changed...? Let's try.

Celebrate and Share!

You did it! Share what you learned.

Prompt:
1. Did your plan work?
2. Is this what you wanted to happen?
3. _____'s ideas worked!
4. We worked hard to _____.
5. Who do you want to show?

CODING to LEARN and CREATE

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