

Constructive Conversation Skills PLACEMAT

Create



Prompt starters:

What is your idea?
How can we combine these ideas?
What do we need to do?
What are other points of view?
What do you think about...?
Why...How...I wonder...

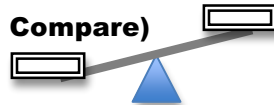
Response starters:

One idea could be ...
My hypothesis is...
That reminds me of...
I noticed the pattern of...
I think it depends on...

Goal: Students independently build up ideas (knowledge, agreement, solution) using these skills as they interact in meaningful ways

Negotiate (Evaluate & Compare)

(If more than 1 Idea)



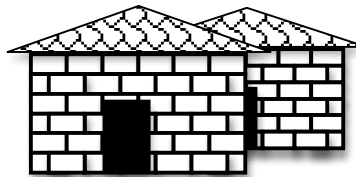
Prompt starters:

How can we decide which is the more ___ idea?
How does evidence for your argument compare to mine?
What criteria do we use to evaluate the weight of the evidence?
How do we compare “apples” of ... to the “oranges” of ...?
Which has the heaviest/ strongest evidence?
What is your opinion? Why?
How might we take the best from both ideas?
How is that evidence stronger than this evidence?

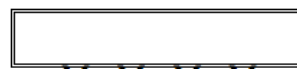
Response starters:

I think we should use the criteria of ... because...
___ is very strong evidence because...
A point of disagreement that I have is...
Even though it seems that ...
That is a valid point, but...
I think the negatives of... outweigh the positives of ...

BUILD IDEA(s)



Fortify/Support



Prompt starters:

Can you give an example from the text?
Where does it say that?
What are examples from other texts?
What is a real world example?
Are there any cases of that in real life?
Can you give an example from your life?
What is the strongest support for...?
How does it support the idea?

Response starters:

For example,
In the text it said that...
Remember in the other story we read that...
An example from my life is
One case that illustrates this is...
Strong supporting evidence

Clarify

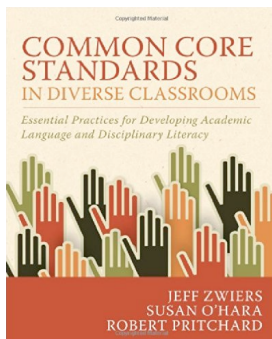


Prompt starters:

Can you elaborate on the...?
What does that mean?
What do you mean by...?
Can you clarify the part about...?
Say more about...
Why.. How... What... When...
How is that important?
I understand the part about..., but I want to know...
Can you be more specific?
Is what I just said clear?
Does that make sense?
Do you know what I mean?
What do you think?
I'm not sure if I was clear.

Response starters:

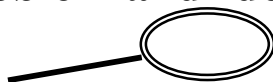
I think it means...
In other words,
More specifically, it is ... because...
An analogy might be...
It is important because...
Let me see if I heard you right...
To paraphrase what you just said, you...
In other words, you are saying that...
What I understood was...
It sounds like you think that...
It all boils down to...
A different way to say it..



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Common Core Standards in diverse classrooms: Essential practices for developing academic language and disciplinary literacy.
Stenhouse Publishers | ALDNetwork.org

Math Constructive Conversation Skills Placemat

Clarify Problem and Ideas for Solving It



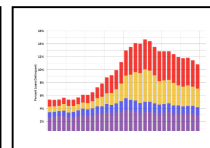
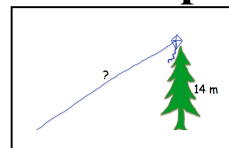
Prompt starters:

What are we trying to do?
 What is the problem asking?
 How does the problem begin?
 What happens in the problem?
 What do we need to know?
 How can we break this down?
 What type of problem is this?
 What patterns do we notice?
 What's a possible plan for solving it?
 What is your estimate for the answer?
 Why are you doing that?
 Where did that number come from?

Response starters:

In order to ____, we need to ...
 In other words,
 More specifically, it is ... because...
 Let's see, it is similar to the problem
 about ... that we did because...
 It is important to ____ because
 Let's stay focused on
 Let's get back to the idea of...
 In future problems like this one we
 need to remember to...

Discuss Representations and Models



$$\int_0^{\infty} \sum_{l=0}^{\infty} \frac{A_l(x)}{2\pi}$$

Prompt starters:

How else can we show this?
 How can we draw or graph this?
 What symbols can we use?
 How can we explain this to others?
 How can we write what we are
 thinking/doing?
 How can we use symbols to represent
 this problem?

Response starters:

Maybe we can use...
 Another way to show this is...
 We can make a data table
 and...
 We can draw it like this
 because it says...
 This variable stands for...

Build Math Solutions, Ideas, & Understandings

Explain & Support Reasoning



Chain of reasoning w/ principles, axioms,
 constraints, properties, visuals, patterns...

Prompt starters:

Can you explain why you...?
 What does that mean?
 What are you doing?
 What math rule are you using?
 Can you give an example?
 How does the sample problem help us?
 What are examples of this problem
 from real life?
 Can you clarify where you...?
 How did you get this answer?

Response starters:

If we ____, then we need to ____
 because...
 A key mathematical principle is
 making sure that you...
 In real life this is similar to when
 you want to...
 An example from my life is
 One case that illustrates this is...
 In math, we always need to...
 Let me show you what I mean.
 We can't do that because it...

Use Multiple Methods for Solving

Visual	Verbal	Symbols	Objects

Prompt starters:

How can we solve it with symbols, ...
 What do you think about this strategy for
 solving it?
 What else could we do?
 We could also move this over there to...
 What are other ways to solve this?
 How can we write this in sentences?
 Let's try other methods for this problem.
 Let's back up and try a different way.
 Which method is most useful? Why?

Response starters:

I think these two methods
 relate because...
 I want to add on to your idea
 of...
 That method works because...
 I see it a different way,
 That makes me think of...
 We can agree that...
 Let's try to... and see what
 happens.