1. The value of co-operative group work in the multicultural, multilingual classroom

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- 2. Some effective ways of organizing group work

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- 3. Sociolinguistic skills for co-operative learning
- 4. Together We Learn (video)

Well-organized group work has positive effects on :

Intercultural relationships in the class and beyond

- Intercultural relationships in the class and beyond
- Social development, in the class and beyond

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- Social development, in the class and beyond
- Feelings about school, teachers, and self

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- Academic achievement, especially for students of minority or marginalized backgrounds.

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- Social development, in the class and beyond
- Feelings about school, teachers, and self
- Academic achievement, especially for students of minority or marginalized backgrounds.
- Language acquisition

Cooperative Learning is one of the best researched of all teaching strategies. The results show that students who have opportunities to work collaboratively learn faster and more efficiently, have greater retention, and feel more positive about the learning experience.

Muir, M. (2006): p. 1

Muir, M. (2006). Cooperative Learning Skills. The Principals' Partnership http://www.principalspartnership.com/library.html

Schools need to create a natural learning environment in school, with lots of natural, rich oral and written language used by students and teachers ... meaningful, 'real world' problemsolving; all students working together; media-rich learning (video, computers, print); challenging thematic units that get and hold students' interest; and using students' bilingual/bicultural knowledge to bridge to new knowledge across the curriculum.

Thomas and Collier, 2002: p. 335

Thomas, W.P., & Collier, V.P. (2002). A national study of school effectiveness for language minority students' long-term academic achievement. Berkeley, CA: Center for Research on Education, Diversity and Excellence. http://crede.berkeley.edu/research/crede/research/llaa/1.1_final.html

L2Ls can:

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 Practise using the language for authentic communication related to the curriculum

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- Ask for help, explanation, and translation from classmates in a small non-judgmental group setting

L2Ls can:

- Practise using the language for authentic communication related to the curriculum
- Ask for help, explanation, and translation from classmates in a small non-judgmental group setting
- Interact with native speakers and receive the kind of modelling and feedback that promote language acquisition



You finish your housework?

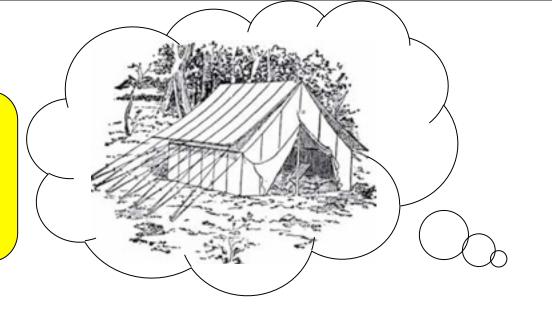
You finish your housework?

Huh? What housework? Oh, you mean homework! Housework is like washing the dishes. Homework is schoolwork that you have to do at home. Yeah, I finished it. Did you?

You finish your housework?

Yes, I finish my homework too.

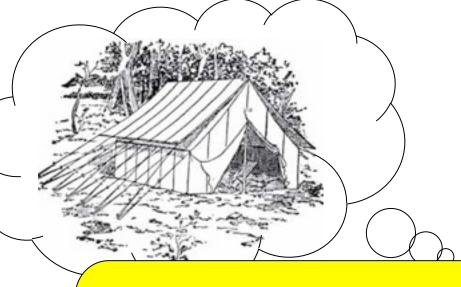
Huh? What housework? Oh, you mean homework! Housework is like washing the dishes. Homework is schoolwork that you have to do at home. Yeah, I finished it. Did you?





Tent problem? Tent problem? I don't know what you're talking about!

Yes, this one, number ten.



Tent problem? Tent problem? I don't know what you're talking about!

Yes, this one, number ten.

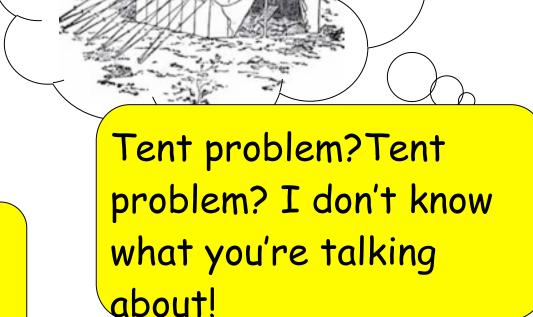


Tent problem? Tent problem? I don't know what you're talking about!

Oh, the tenth problem... tenth, number ten.

Yes, this one, number ten.

Ten-th, ten-th, yes, the tenth problem.



Oh, the tenth problem... tenth, number ten.

 Provide opportunities for students to work together in both heterogeneous and homogeneous groups

- Provide opportunities for students to work together in both heterogeneous and homogeneous groups
- Organize activities that encourage positive interaction

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- Focus on the process of group work as well as the final product
- Balance the use of CL with individual work and whole class teacher-led lessons and activities
- Explain the value of CL to students and parents



1. Peer tutoring

- 1. Peer tutoring
- 2. Think-pair share

How many levels of government are there in this country?

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Think first, then turn to your partner to share your answers.
You can change your answer if you want.

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You can change your answer if you want.

Mohamed?

How many levels of government are there in this country?
Think first, then turn to your partner to share your answers.
You can change your answer if you want.

Mohamed?

Yes, there are three levels of govenment.

How many levels of government are there in this country?
Think first, then turn to your partner to share your answers.
You can change your answer if you want.

Mohamed?

Yes, there are three levels of govenment. Now, another question: what are the three levels?

How many levels of government are there in this country?
Think first, then turn to your partner to share your answers.
You can change your answer if you want.

Mohamed?

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Now, another question: what are the three levels?

I'll give you a clue: all three words end in -al.

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Think first, then turn to your partner to share your answers.
You can change your answer if you want.

Mohamed?

Yes, there are three levels of govenment. Now, another question: what are the three levels?

I'll give you a clue: all three words end in -al. Think again, and confirm your answer with your partner.

- 1. Peer tutoring
- 2. Think-pair share
- 3. Group brainstorming

- 1. Peer tutoring
- 2. Think-pair share
- 3. Group brainstorming
 - Choose a language other than English or French and write down on chart paper everything you know, or think you know, about this language. It does not matter if you are wrong!

1. Peer tutoring

2. Think-pair share

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- Choose a language other than English or French and write down on chart paper everything you know, or think you know, about this language. It does not matter if you are wrong!
- Write at least one question about this language.

1. Peer tutoring

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- Choose a language other than English or French and write down on chart paper everything you know, or think you know, about this language. It does not matter if you are wrong!
- Write at least one question about this language.
- Suggest when this strategy might be useful.

Make a list of at least 3 responsibilities of each level of government.

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Ready? Group 4: Mei, tell me one responsibility of the federal government.

Make a list of at least 3 responsibilities of each level of government.

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Yes, the army [Points at picture of soldiers, ships, and planes] ... And the army and the air force. The federal government is responsible for the armed forces. Say it: armed forces. Very good. I will add this to our word list: the armed forces

Make a list of at least 3 responsibilities of each level of government.

Ready? Group 4: Mei, tell me one responsibility of the federal government.

Yes, the army [Points at picture of soldiers, ships, and planes] ...And the army and the air force. The federal government is responsible for the armed forces. Say it: armed forces. Very good. I will add this to our word list: the armed forces

Now, group 2: Salim, tell me another responsibility of the federal government.

- 1. Peer tutoring
- 2. Think-pair share
- 3. Group brainstorming
- 4. Three-step interview
- 5. Learning teams

Learning Teams (group problem-solving)

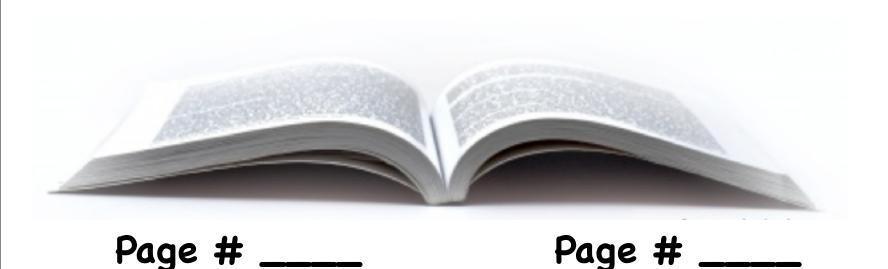
Number the pages:

The product of two facing pages in a book is 2,550. What is the number of each page?

Learning Teams (group problem-solving)

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HINTS:

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1. First make sure everyone in the group knows the meaning of **product** in mathematics.

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- Solve the problem using the concepts of square root and product.

HINTS:

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- 2. Talk about the way pages are usually numbered in books, using these words and phrases: adjacent, consecutive/consecutively, facing, and opposite; odd and even numbers; left-hand page, right-hand page.
- 3. Solve the problem using the concepts of **square root** and **product**.

Remember: you are not done until each member of your group agrees on the answer and can explain to the class how you found it!

Complete these sentence	es:				
The pages are numbered	, from le	eft to right.			
The left-hand pages have	e numbers while th	e facing			
pages have	_numbers.				
If the product of two cons must be and	ecutive numbers is 2,550, the r	numbers			
To solve the problem, we used the concept of					
and the skill of	, and then	the			
answer.					

Complete these sentences:				
The pages are numbered	consecutively	, from left to right.		
The left-hand pages have _	numbe	rs while the facing		
pages have ni	umbers.			
If the product of two consecutive numbers is 2,550, the numbers				
must be and				
To solve the problem, we used the concept of				
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answer.				

Complete these sentences	3:		
The pages are numbered _	consecu	tively, from I	eft to right.
The left-hand pages have	even	_ numbers while t	he facing
pages have	numbers.		
If the product of two conse must be		pers is 2,550, the	numbers
To solve the problem, we ι	used the cor	ncept of	
and the skill of	, and the	en	the
answer.			

Complete these sentences:	
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Complete these sentences: The pages are numbered <u>consecutively</u>, from left to right. The left-hand pages have <u>even</u> numbers while the facing pages have <u>odd</u> numbers. If the product of two consecutive numbers is 2,550, the numbers must be <u>**50</u> and <u>5**</u>.</u> To solve the problem, we used the concept of _____ and the skill of _____, and then___ the answer.

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Complete these sentences:



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The left-hand pages have <u>even</u> numbers while the facing pages have <u>odd</u> numbers.

If the product of two consecutive numbers is 2,550, the numbers must be <u>50</u> and <u>51</u>.

To solve the problem, we used the concept of <u>square</u> <u>root</u> and the skill of <u>estimation</u>, and then the

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The pages are numbered <u>consecutively</u>, from left to right.

The left-hand pages have <u>even</u> numbers while the facing pages have <u>odd</u> numbers.

If the product of two consecutive numbers is 2,550, the numbers must be _50 and _51.

To solve the problem, we used the concept of <u>square</u> <u>root</u> and the skill of <u>estimation</u>, and then <u>checked</u> the answer.



The left-hand page The right-hand number is: ____ page number is:



The left-hand page The right-hand number is: ______ page number is:



The left-hand page The right-hand number is: ______ page number is:

5?

Important note: This book is in Arabic!

Before you start, make sure that everyone in the group knows the direction of Arabic print, and how pages are numbered in books that are in Arabic.



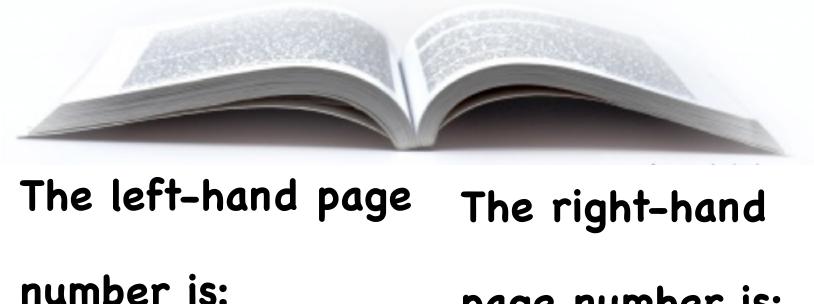
The left-hand page The right-hand

number is: 5? page number is:

5?

Important note: This book is in Arabic!

Before you start, make sure that everyone in the group knows the direction of Arabic print, and how pages are numbered in books that are in Arabic.



page number is:

Write this problem:

The product of these two house numbers is____.

What are the two house numbers?



HINTS:

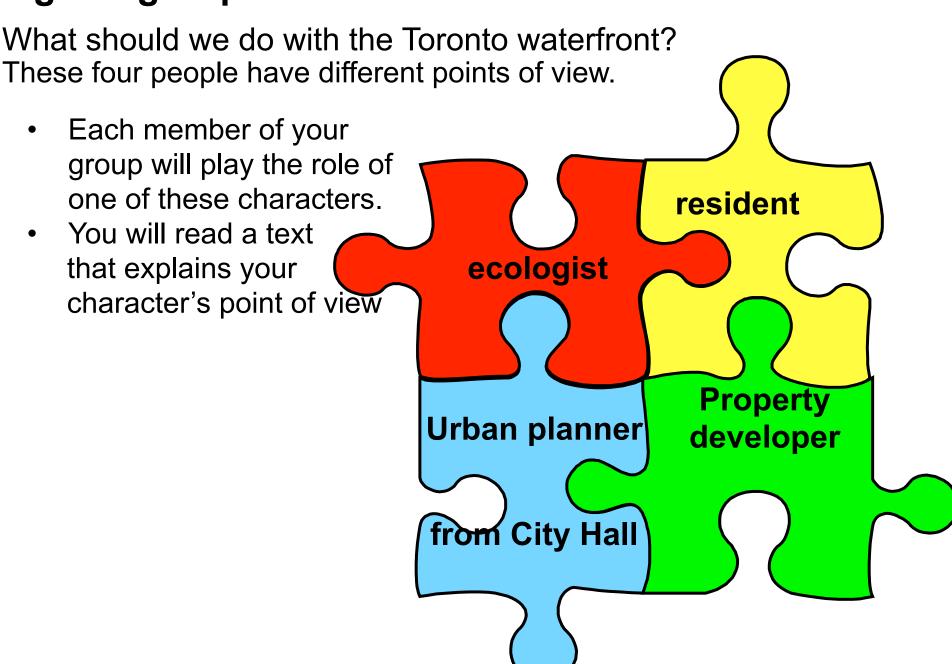
- 1. First make sure everyone knows the meaning of **product** in mathematics.
- 2. Discuss the usual way of numbering houses in Toronto, using these words and phrases

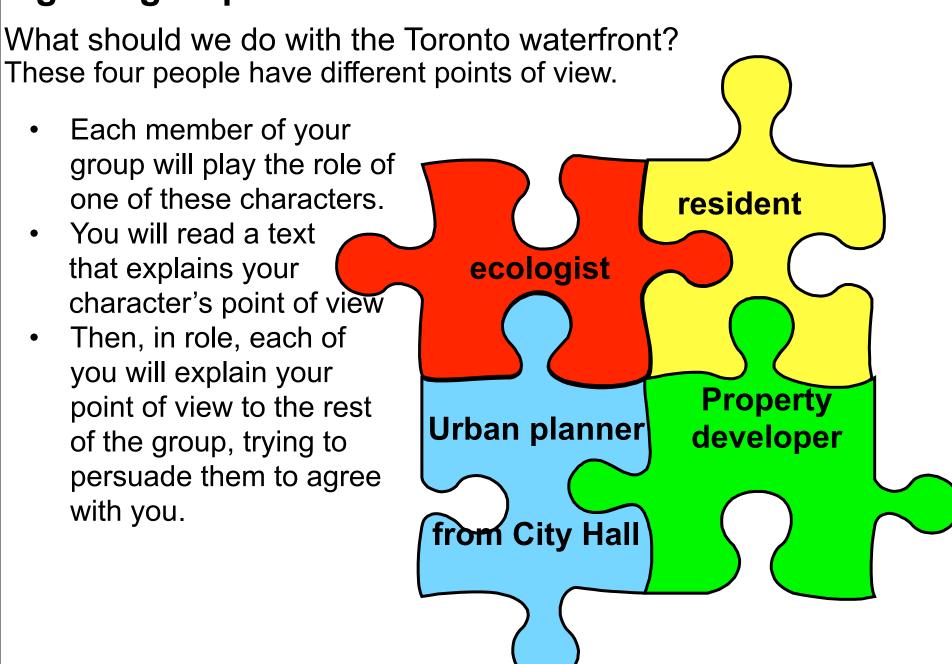
Some useful CL strategies

- 1. Peer tutoring
- 2. Think-pair-share
- 3. Group brainstorming
- 4. Three-step interview
- 5. Learning teams
- 6. Jigsaw groups





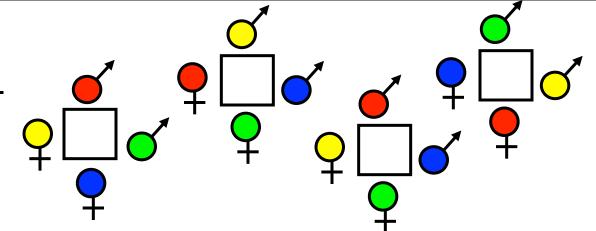




What should we do with the Toronto waterfront? These four people have different points of view. Each member of your group will play the role of one of these characters. resident You will read a text ecologist that explains your character's point of view Then, in role, each of you will explain your **Property** point of view to the rest **Urban planner** developer of the group, trying to persuade them to agree with you. from City Hall Then, as a group, you will try to reach agreement on the best solution.

Step 1: heterogeneous base groups

- Introductions and icebreaking activities
- Preparation: context, vocabulary

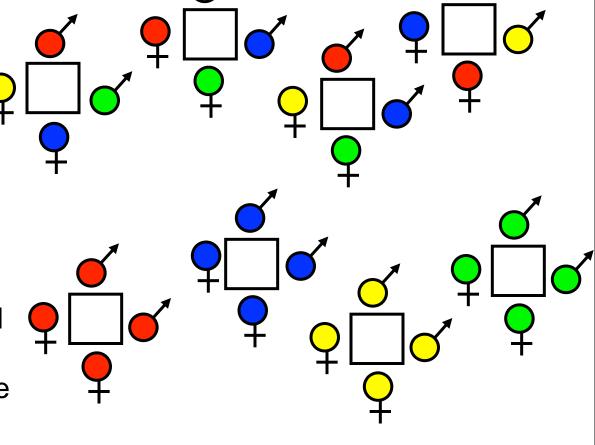


Step 1: heterogeneous base groups

- Introductions and icebreaking activities
- Preparation: context, vocabulary

Step 2: expert groups

- Read the text to get the main idea.
- Discuss the text in detail
- Prepare and rehearse a short presentation in role



Step 1: heterogeneous base groups • Introductions and ice

- Introductions and icebreaking activities
- Preparation: context, vocabulary

Step 2: expert groups

- Read the text to get the main idea.
- Discuss the text in detail
- Prepare and rehearse a short presentation in role

- **Step 3: return to base groups**
 - Presenting information and arguments, in role
 - Synthesis & evaluation
 - Recommendations

Some useful CL strategies

- 1. Peer tutoring
- 2. Think-pair-share
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- 4. Three-step interview
- 5. Learning teams
- 6. Jigsaw groups

Which of these strategies have you used?

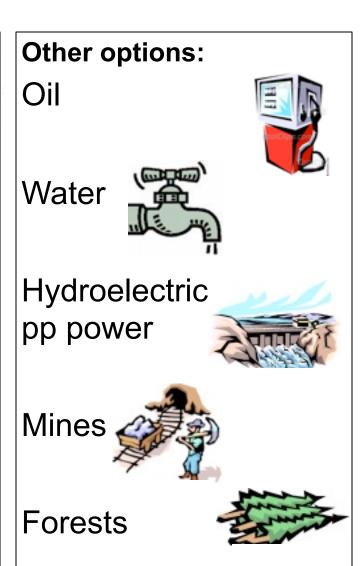
Which of these strategies have you used today?





Fishing

- Where is Canada's fishing industry located?
- What kinds of fish are caught?
- How are different kinds of fish caught?
- What happens afterwards?
- What environmental problems are associated with the fishing industry?



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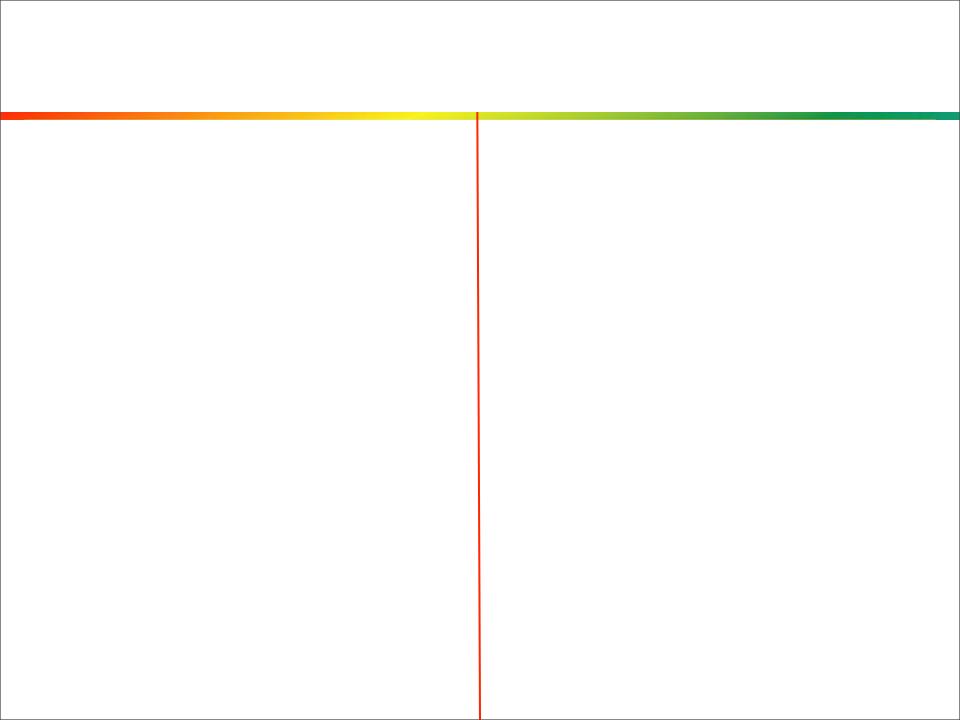
- Peer tutoring
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- Learning teams
- 6. Jigsaw groups
- 7. Co-operative projects

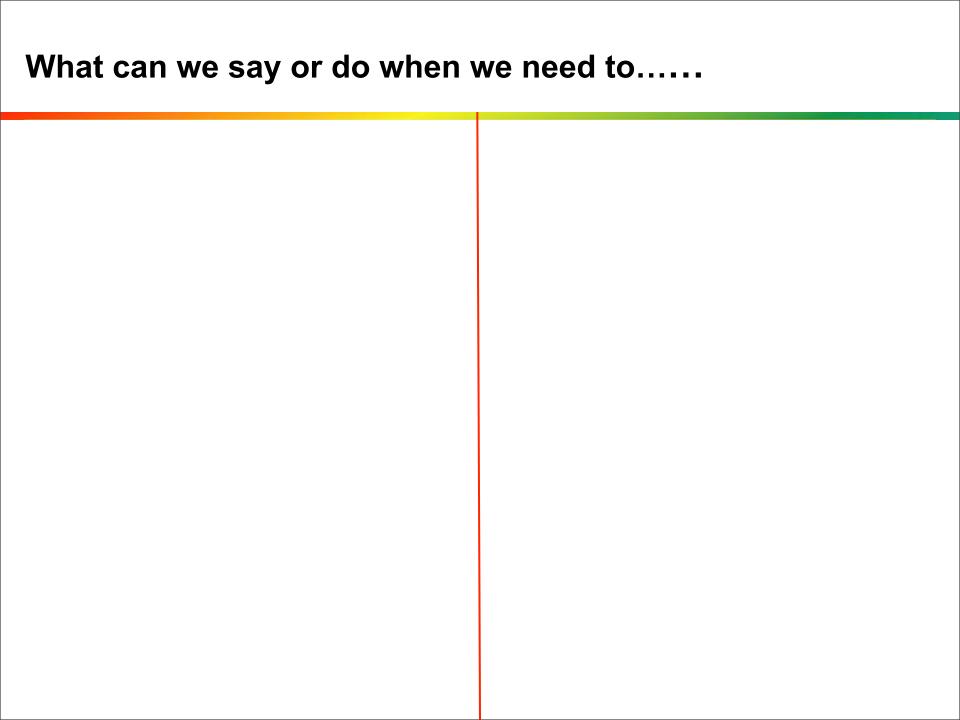
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- Authentic two-way interaction is essential for language learning.
- Group and pair work dramatically increase the amount of interaction for each L2L.
- Native speakers/helpers also clarify their own understanding and refine their language skills.
- We can focus attention on specific kinds of collaborative skills, and on the language required.





What can we say or do when we need to.....

Have a turn in the conversation?

What can we say or do when we need to.....

Have a turn in the conversation?

Lean forward, make eye contact

What can we say or do when we need to.....

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- Lean forward, make eye contact
- I have an idea/a suggestion/a question/a comment...

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- Just a minute, it's my turn now

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- Could I say something, please?
- Let me speak now, please.
- You haven't heard from me yet!

Have a turn in the conversation?

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Encourage someone to speak?

Smile, make eye contact

Have a turn in the conversation?

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- Smile, make eye contact
- Abdul, what do you think?

Have a turn in the conversation?

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- Let me speak now, please.
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- Smile, make eye contact
- Abdul, what do you think?
- Ming, how about you?

Have a turn in the conversation?

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- I'd like to talk about/ask/ suggest...
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- Smile, make eye contact
- Abdul, what do you think?
- Ming, how about you?
- Let's give Indra a chance to speak

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- Let me speak now, please.
- You haven't heard from me yet!

- Smile, make eye contact
- Abdul, what do you think?
- Ming, how about you?
- Let's give Indra a chance to speak
- Do you want to add anything, Maria?

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- Do you want to add anything, Maria?
- Dmitri, do you have any ideas?
- Have we heard from everybody?
- Does anyone disagree?

We don't agree?

- We don't agree?
- We want someone to speak a bit less, so that others can have their turn?

- We don't agree?
- We want someone to speak a bit less, so that others can have their turn?
- We are running out of time to finish the task?

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- We don't understand what someone said?

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- We have gone off topic?

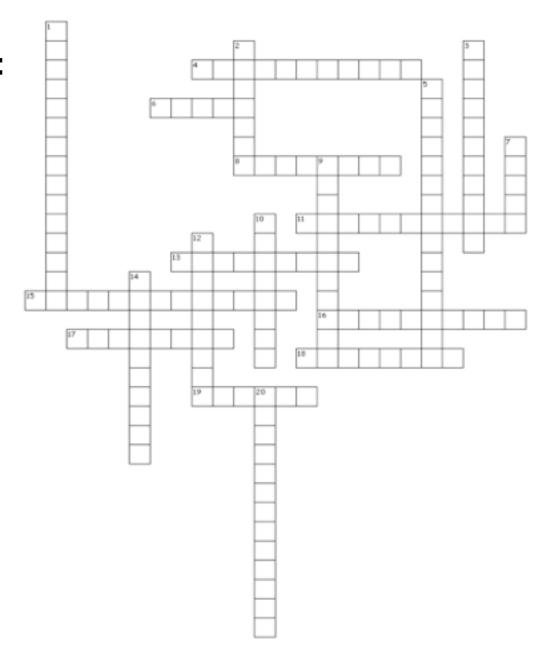
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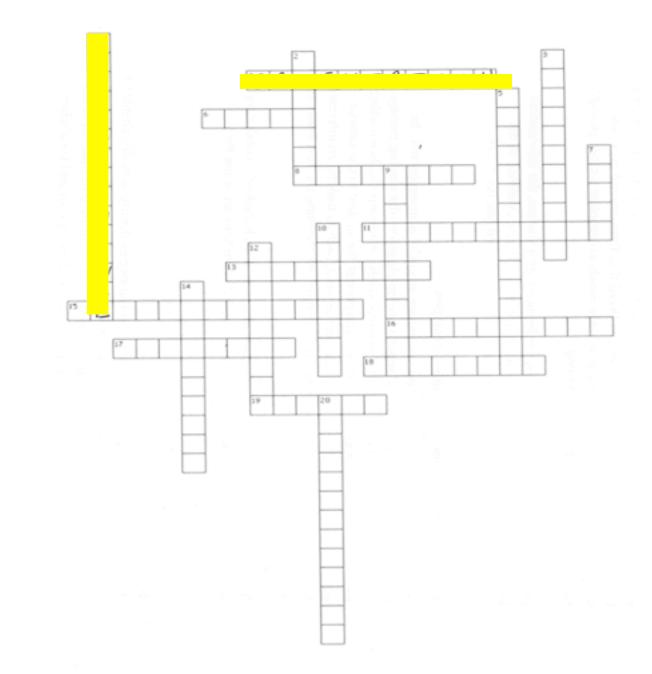
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Highlight any expressions that might be a bit too strong, or hurtful, or vulgar for classroom use!

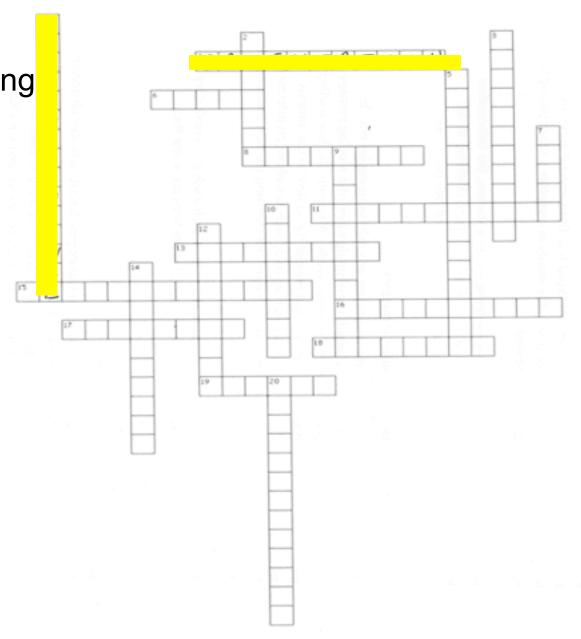
Interactive word puzzle: a review activity

You all have the same crossword grid— but nobody has all the clues.

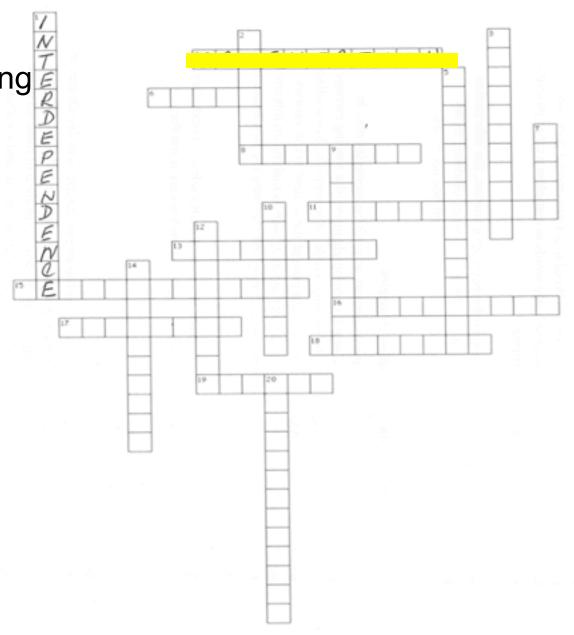




Jigsaw is useful for creating ____ among students.



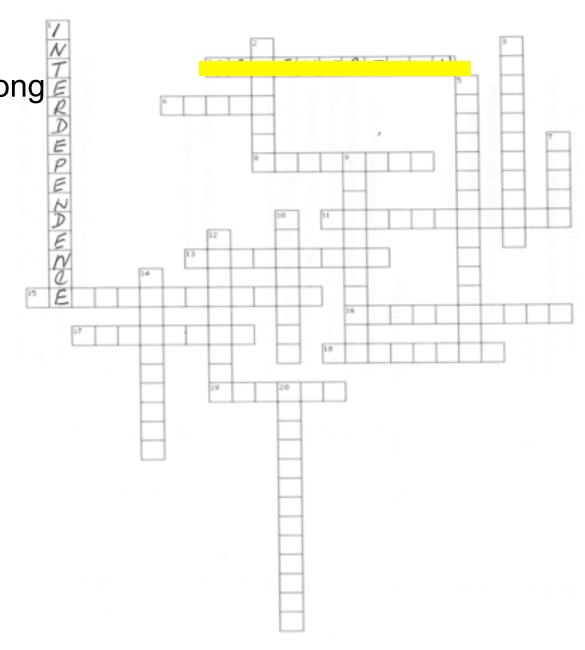
1. Jigsaw is useful for creating ____ among students.



1. Jigsaw is useful for creating ____ among students.

Across

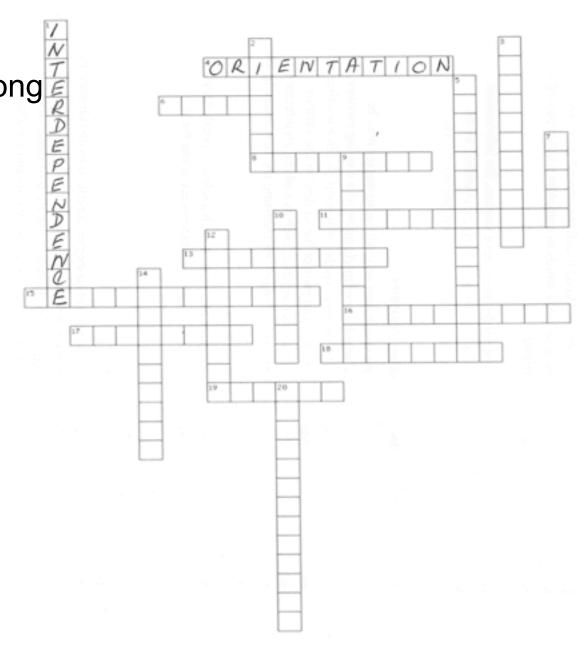
4. Parents and students need this right at the beginning and on an ongoing basis



1. Jigsaw is useful for creating ____ among students.

Across

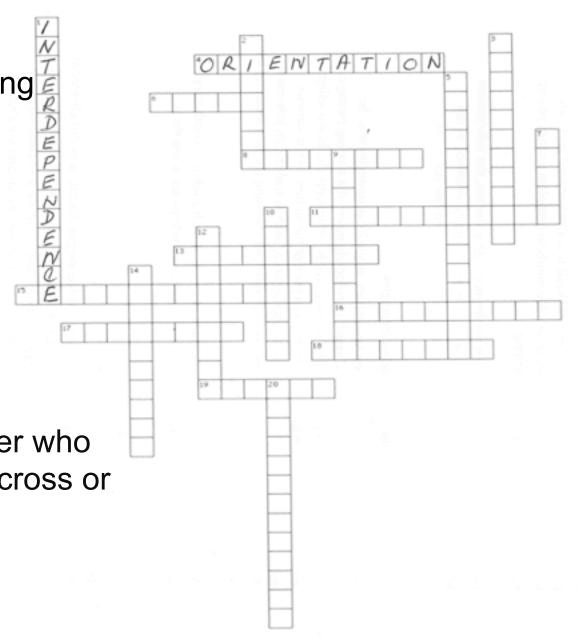
4. Parents and students need this right at the beginning and on an ongoing basis



1. Jigsaw is useful for creating ____ among students.

Across

- 4. Parents and students need this right at the beginning and on an ongoing basis
- Now work with a partner who has the same clues (Across or Down).



1. Jigsaw is useful for creating ____ among students.

ENTATION

Across

- 4. Parents and students need this right at the beginning and on an ongoing basis
- Now work with a partner who has the same clues (Across or Down).
- Then take turns sharing your clues (not the solutions!) with the other pair.

