



Exciting Experiments or how to interweave Science into language teaching

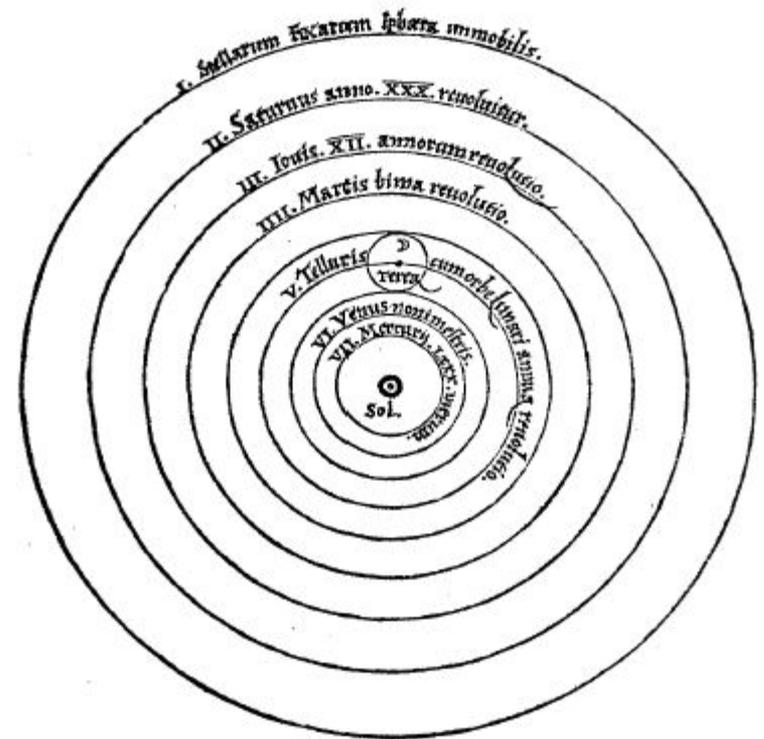
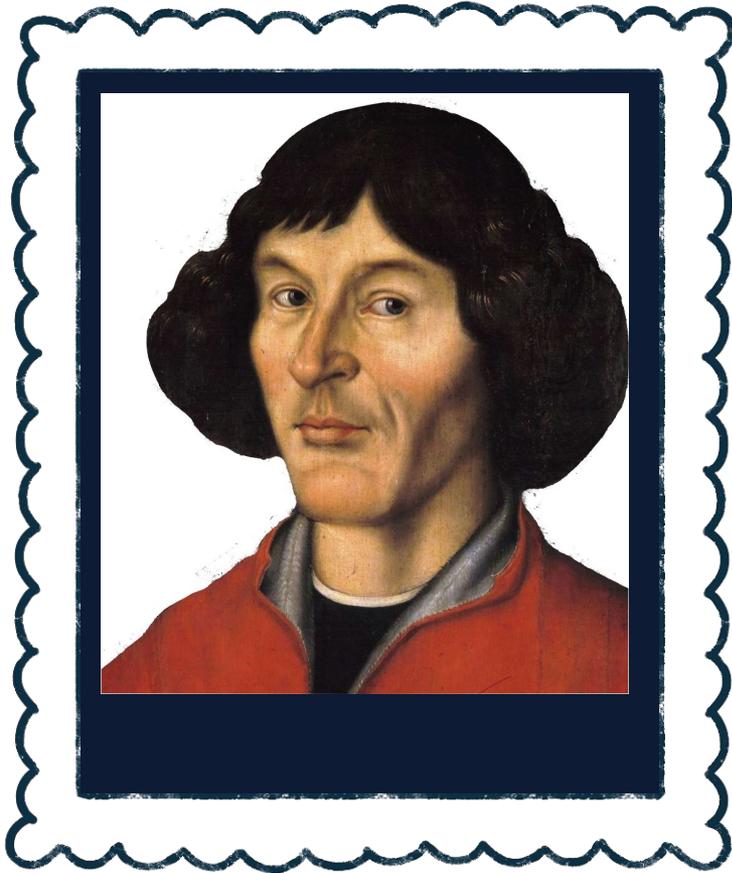
Aleksandra Zaparucha



Toruń, Poland



Toruń, Poland



Professional Development

Geography & English

Professional Development

Geography & English

Geography in English

Professional Development

Geography & English

Geography in English

Training Geography CLIL teachers

Professional Development

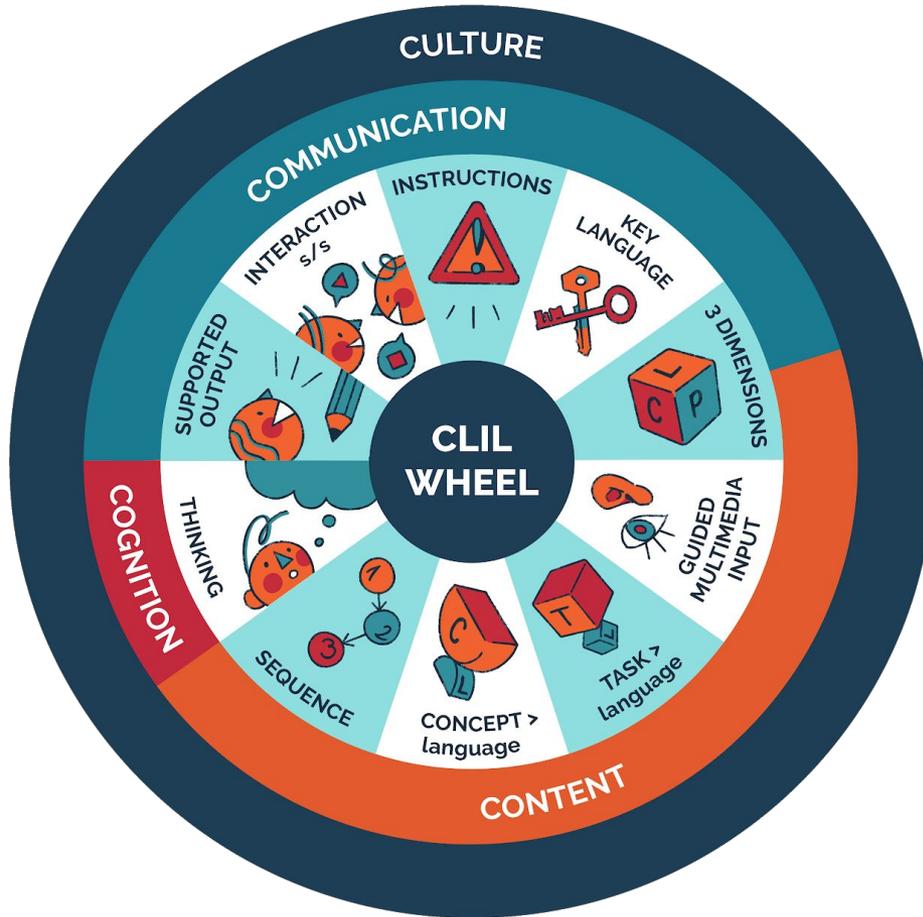
Geography & English

Geography in English

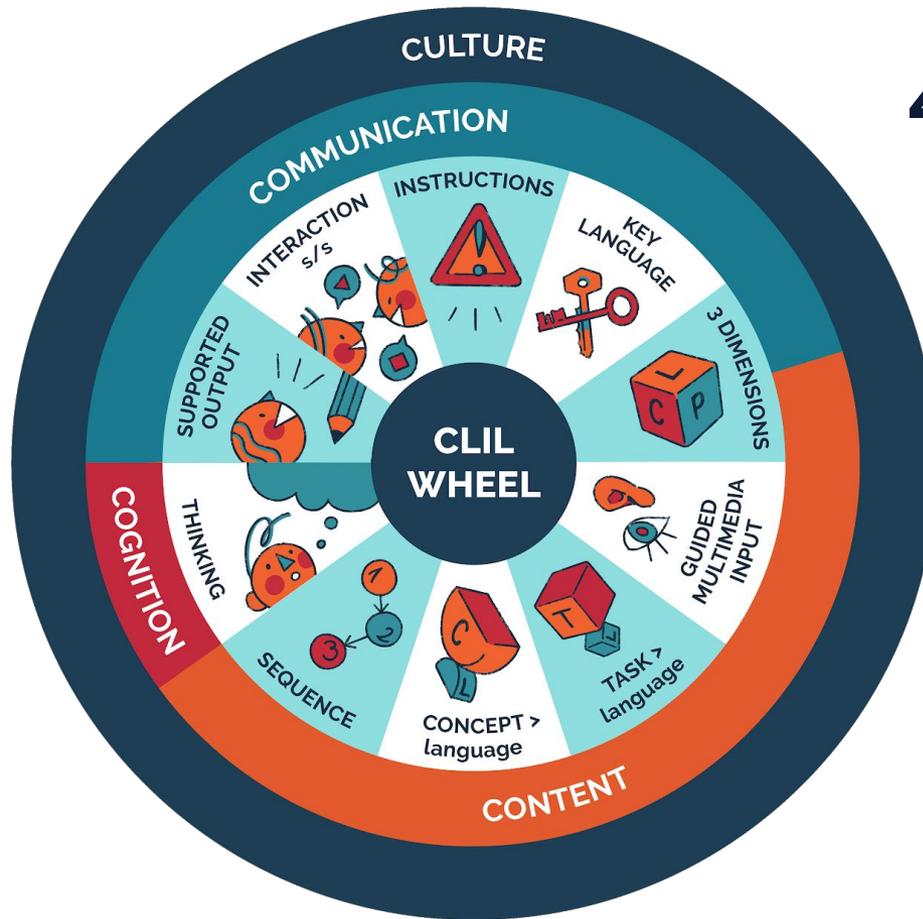
Training Geography CLIL teachers

Training CLIL teachers

The CLIL Wheel

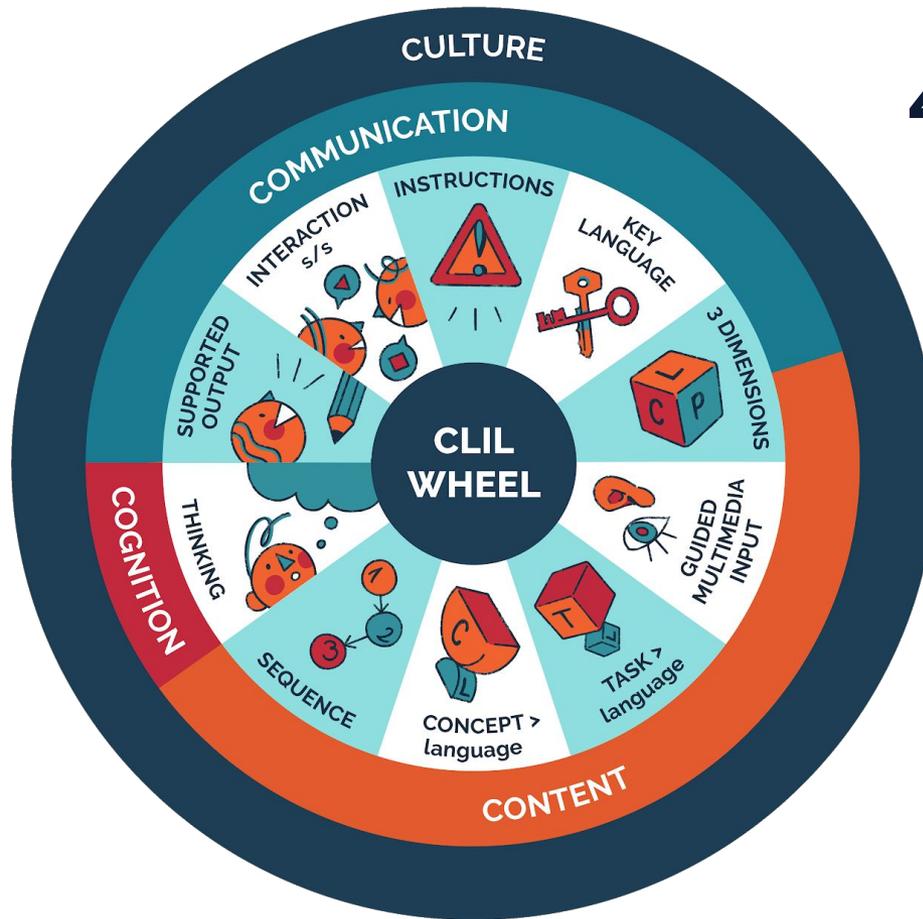


The CLIL Wheel



4Cs + 10 Ps

The CLIL Wheel



4Cs + 10 Ps



**CLIL
MATTERS**

Content & Language Demands

C O N T E N T D E M A N D S	H			
	M			
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		L	M	H
	L A N G U A G E D E M A N D S			

Exciting Experiments

Questioning

Exciting Experiments

Questioning
Hypothesising

Exciting Experiments

Questioning
Hypothesising
Experimenting

Exciting Experiments

Questioning
Hypothesising
Experimenting
Observing

Exciting Experiments

Questioning
Hypothesising
Experimenting
Observing
Concluding

Exciting Experiments

Questioning
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Experimenting
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Concluding
Reporting

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Concluding
Reporting

1.

Exciting Experiments

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Hypothesising

Experimenting

Observing

Concluding

Reporting

2.

Exciting Experiments

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Hypothesising
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Observing
Concluding
Reporting

3.

Exciting Experiments

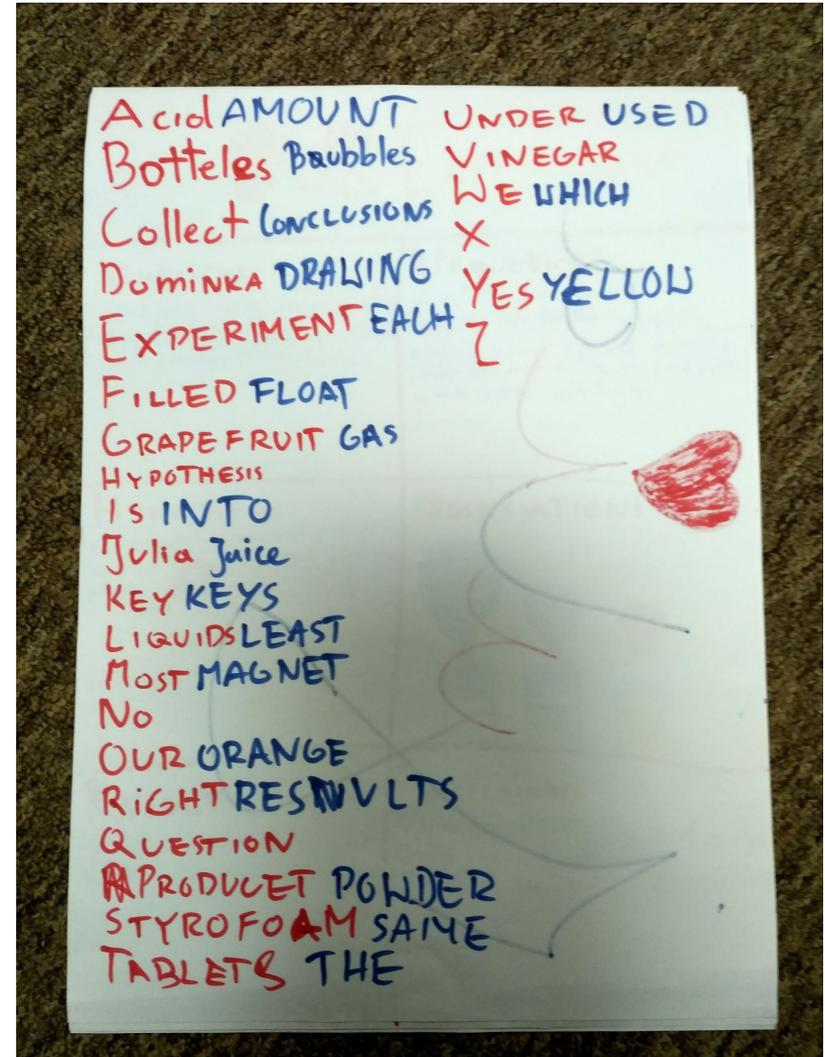
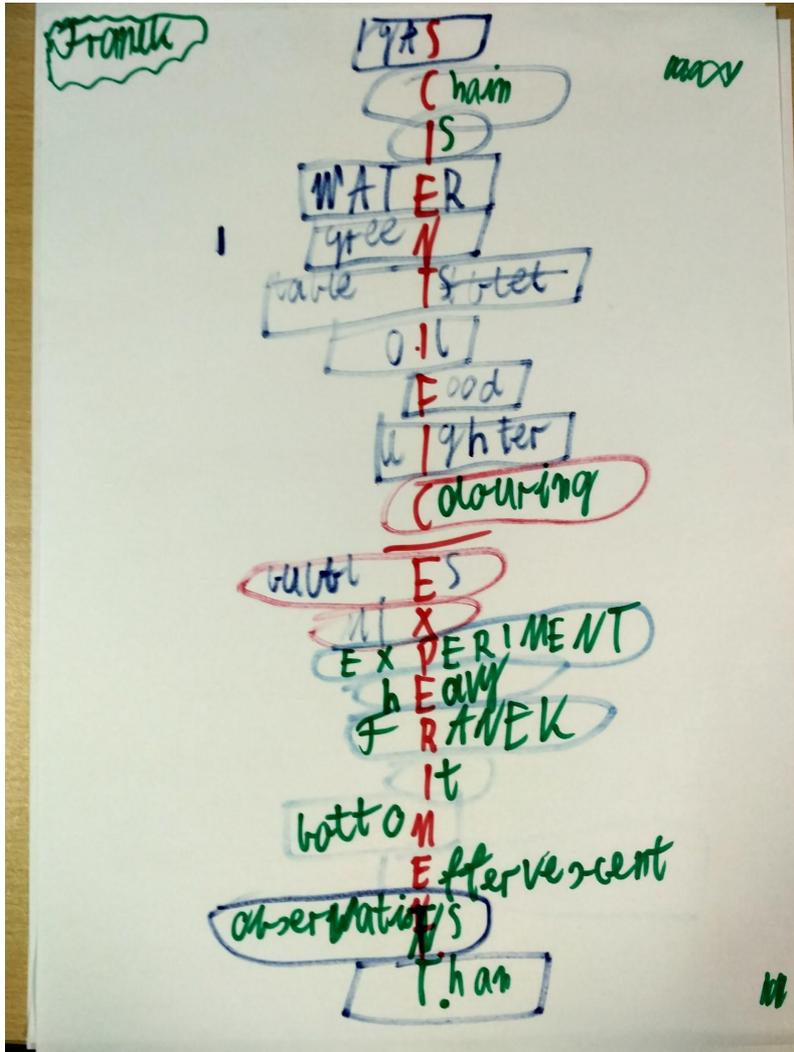
OUR EXPERIMENT

<h3>1 INGREDIENTS</h3>	<h3>2 OUR HYPOTHESIS</h3> <p>chain reaction - oil and water will mix (new colour light green) - oil and water will not mix water on oil and water under oil</p>
<h3>3 OBSERVATIONS</h3> <p>1) oil and water don't mix 2) oil is on the water because it is lighter</p>	<h3>4 OUR HYPOTHESIS</h3> <p>there will be bubbles in the oil - no explosion - there will be an explosion - the colour will change</p>
<h3>5 OBSERVATIONS</h3> <p>oil with water & gas ← bubbles ← water tablets dissolve in the water. gas bubbles go up.</p>	<h3>6 CONCLUSIONS</h3> <p>water is heavier than oil so it stays at the bottom. Oil is lighter than water so it stays on the water. Gas is lighter than oil and water so it moves up</p>

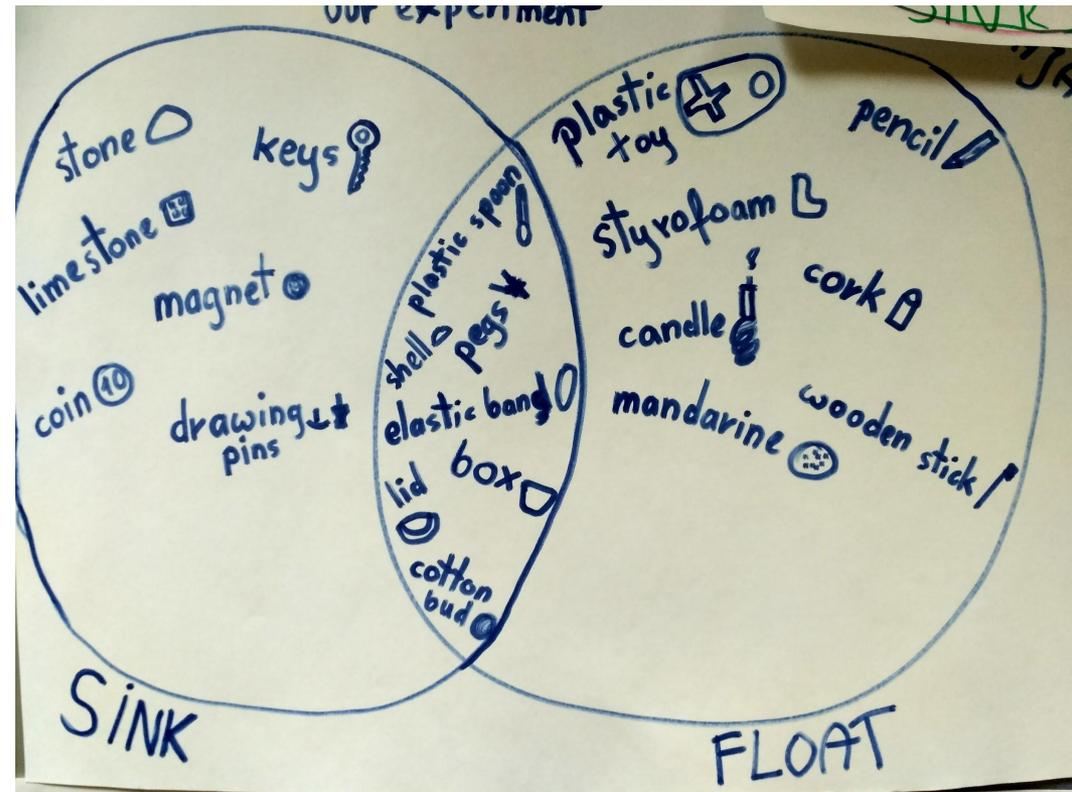
our experiment

<h3>1 Ingredients</h3> <p>food colouring cooking oil, tap water, effervescent tablets</p>	<h3>2 Our hypothesis</h3> <p>top water + red food colouring oil and water will not mix chain reaction</p>
<h3>3 Observations</h3> <p>oil and water don't mix 2) oil is on the water because it is lighter.</p>	<h3>4 Our hypothesis</h3> <p>there will be an explosion - the colour will change - there will be bubbles in the oil - no explosion</p>
<h3>5 Observations</h3> <p>oil water disappears bubbles in the water → water</p> <p>Thelsson ☺</p>	<h3>6 conclusions</h3> <p>Water is heavier than oil it stays at the bottom. Gas is lighter than oil and water so it moves up.</p>

Exciting Experiments



Exciting Experiments



Content-Enhanced Language Teaching

Other options

Content-Enhanced Language Teaching

Other options

- extend your coursebook

Content-Enhanced Language Teaching



food

Content-Enhanced Language Teaching



food



clothes

Content-Enhanced Language Teaching



food



clothes



waste

Content-Enhanced Language Teaching

Other options

- use CLIL pages

Content-Enhanced Language Teaching

Other options

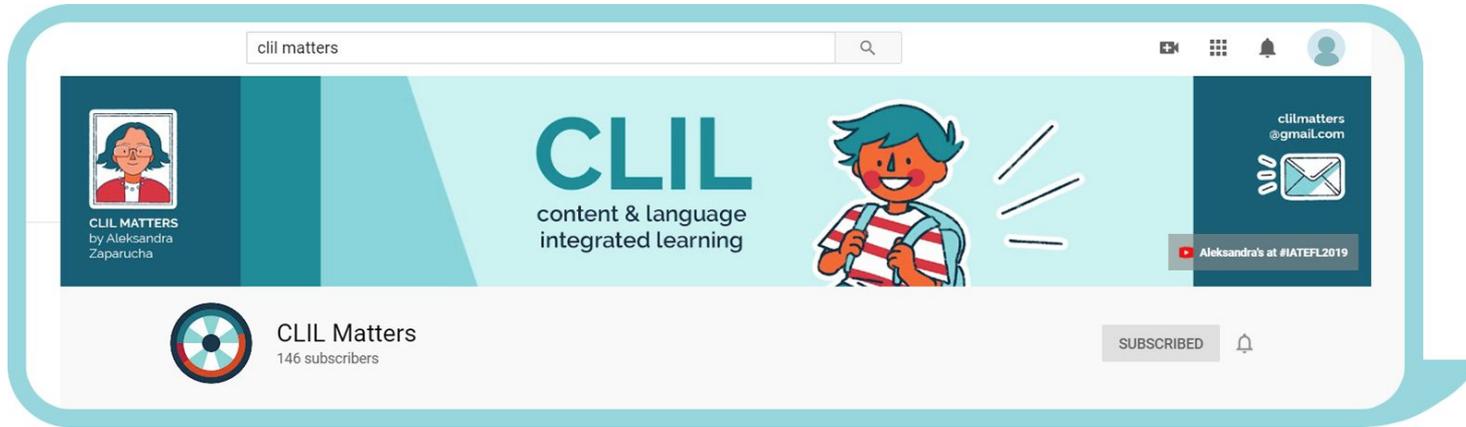
- explore CLIL readers

Content-Enhanced Language Teaching

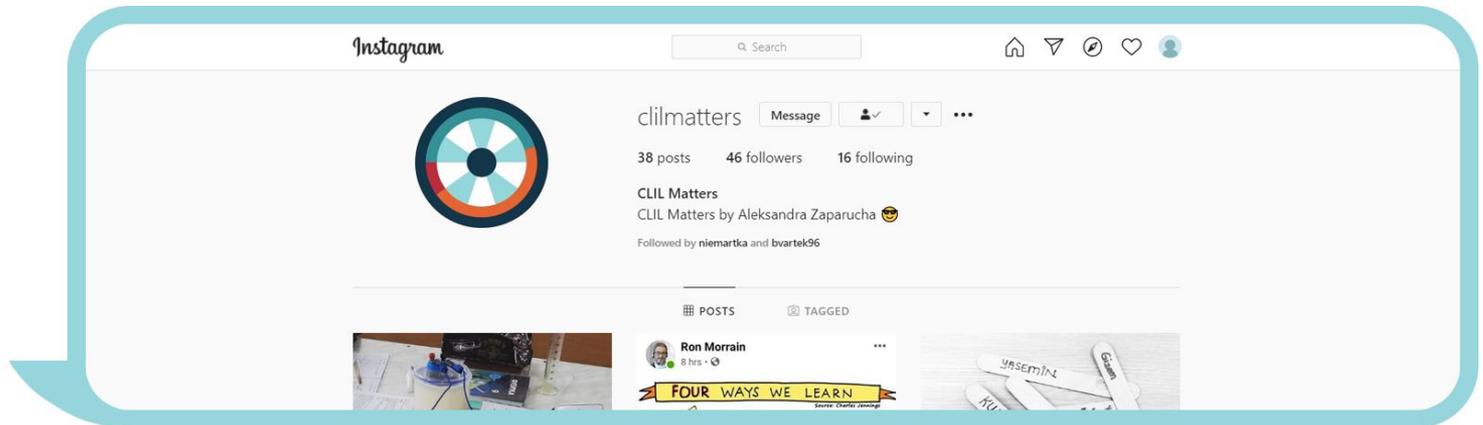


Express Publishing

Social Media



A screenshot of a YouTube channel page for "CLIL Matters". The search bar at the top contains "cil matters". The channel banner features the text "CLIL content & language integrated learning" next to a cartoon character of a boy with a backpack. On the left, there is a profile picture of Aleksandra Zaparucha and the text "CLIL MATTERS by Aleksandra Zaparucha". On the right, there is an email icon and the text "clilmatters@gmail.com". Below the banner, the channel name "CLIL Matters" is displayed with "146 subscribers" and a "SUBSCRIBED" button. A video thumbnail for "Aleksandra's at #IATEFL2019" is visible.



A screenshot of an Instagram profile page for "clilmatters". The profile picture is the CLIL Wheel logo. The bio reads "CLIL Matters by Aleksandra Zaparucha 😊" and "Followed by niemartka and bvartek96". The page shows 38 posts, 46 followers, and 16 following. A post by "Ron Morrain" is visible, featuring a banner that says "FOUR WAYS WE LEARN".

Get in Touch



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Marta Zaparucha



Q & A