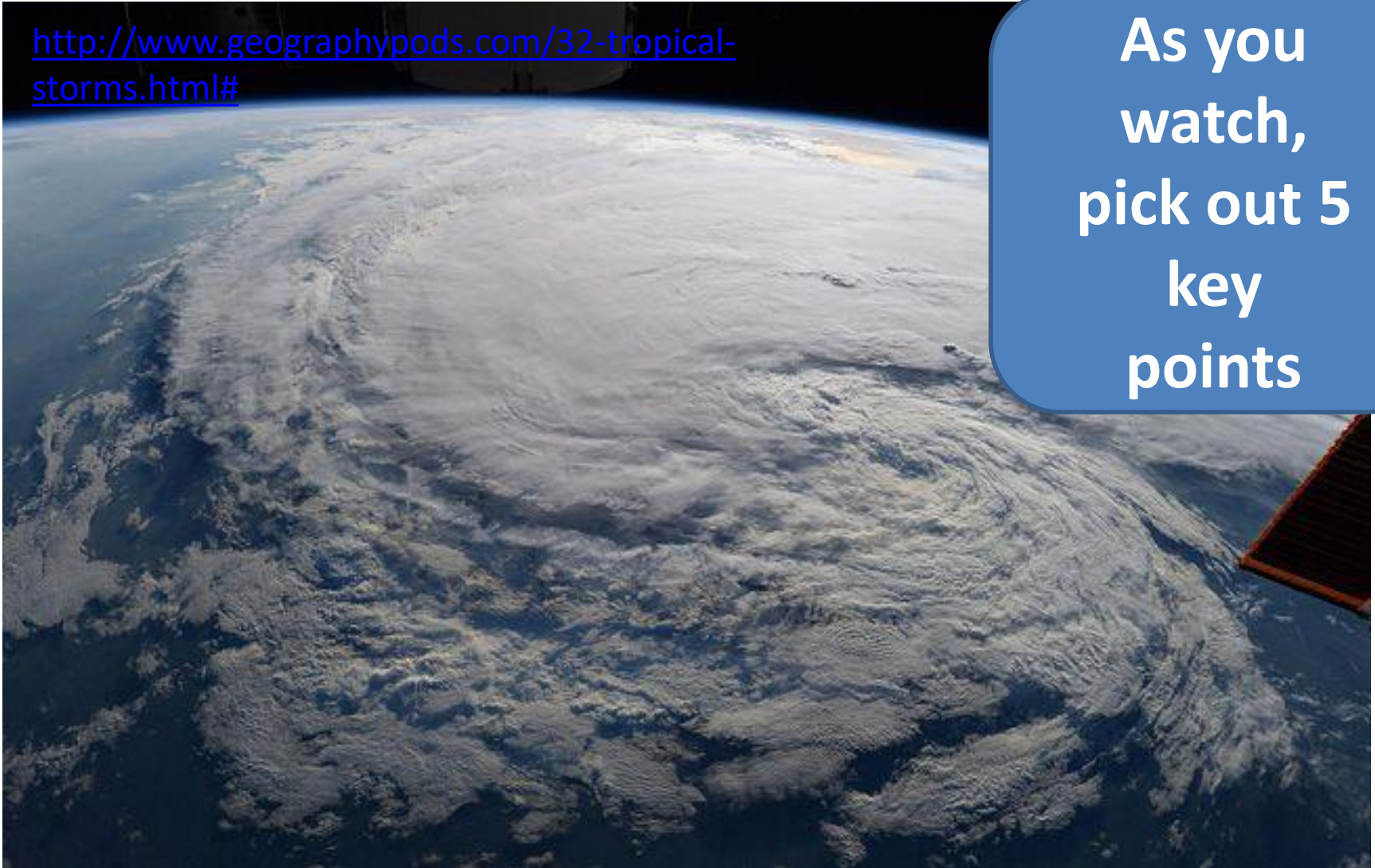


Hurricanes: Intense, Deadly, and Underestimated

<http://www.geographypods.com/32-tropical-storms.html#>

As you
watch,
pick out 5
key
points

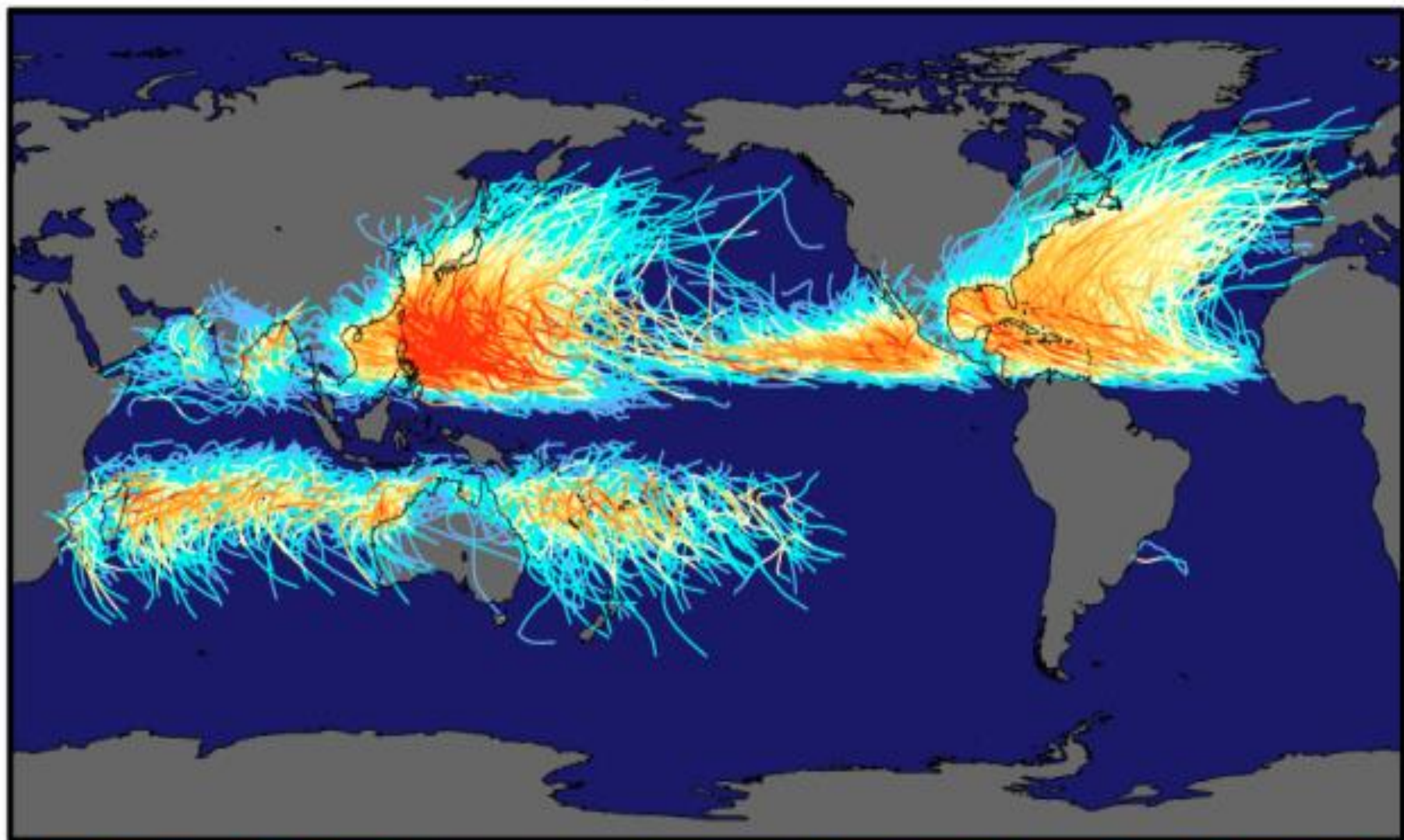


**As we watch the
2nd video highlight any terms that you have already
noted down**

**Note down any
new points in another colour**

**Using your key terms from the last lesson create 2
questions to ask the teacher about hurricane
formation**

**We will then spend 5 minutes questioning the
teacher to extend our learning and knowledge about
hurricane formation**



Saffir-Simpson Hurricane Intensity Scale

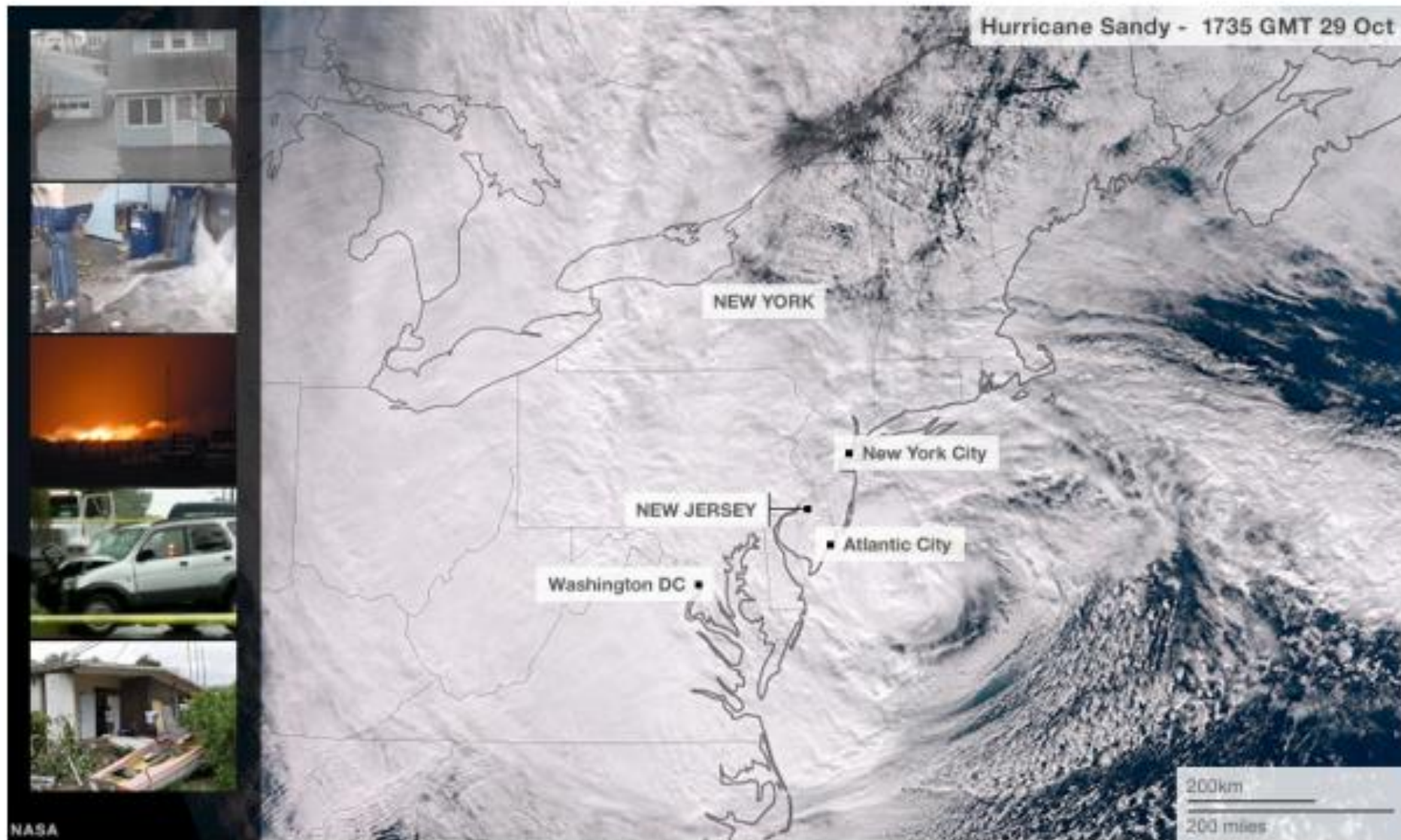
We will now reflect on several hurricane case studies from the US, Mexican and Caribbean locations

How have the hurricanes affected the locations? Write the **Primary (first)** impacts in RED.

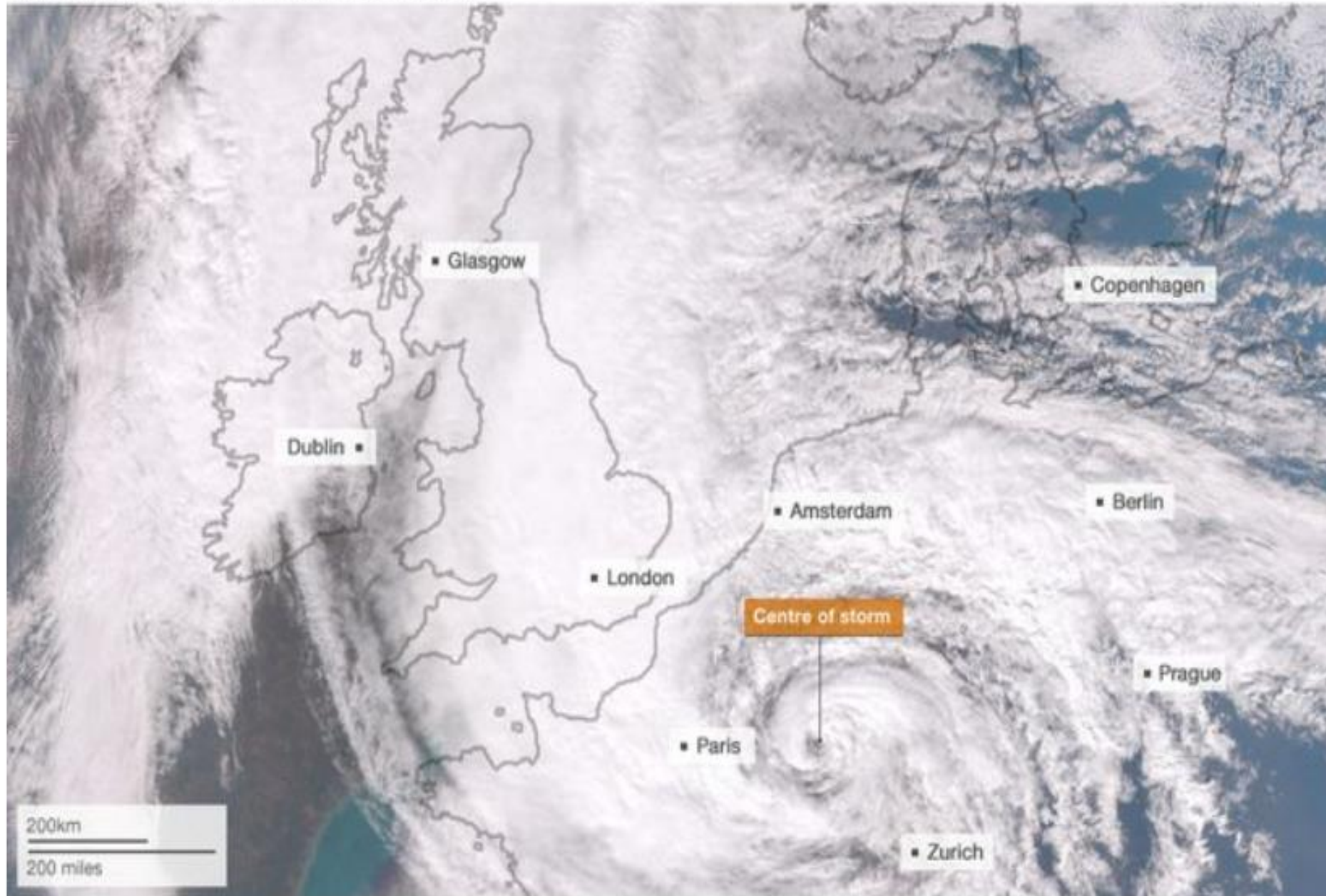
Write the **Secondary (longer term)** impacts in green. Write any advice you may give in purple

Use your location skills to add to your outline maps

Hurricane Sandy NYC 2012



How Hurricane Sandy compares to Europe





<http://www.abc.net.au/news/specials/hurricane-sandy-before-after-photos/>



Before and After Shots





Estimated cost to US Economy
\$71.5 Billion

15,000 flights into NYC cancelled



650,000 homes destroyed

8 Million people were without power for a week

233 fatalities



Hurricane Patricia, Mexico 2015
The 2nd most intense hurricane
ever recorded
Category 5 hurricane
230mph winds

<http://www.bbc.co.uk/news/world-latin-america-34621035>

<http://www.bbc.co.uk/news/world-us-canada-34622700>

<http://www.bbc.co.uk/news/world-latin-america-34623298>

<http://www.bbc.co.uk/news/world-latin-america-34623302>

<http://www.bbc.co.uk/news/world-latin-america-34624245>

<http://www.bbc.co.uk/news/world-latin-america-34625429>

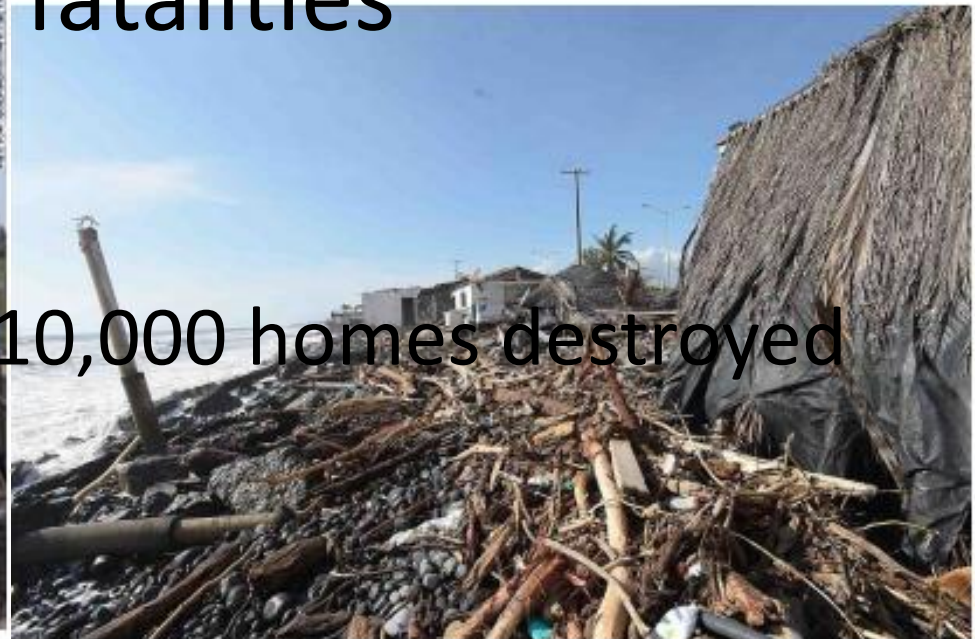
**Estimated cost to Mexican Economy
\$3 Billion**



230,000 people without power for 2 days
Power restored to all areas within 2 days

6 fatalities

10,000 homes destroyed





Irma Sept 2017

Estimated cost
\$66.77 Billion

134 fatalities

\$32 million given
in Aid to help the
clear up
90% of homes on
some islands destroyed





Maria Sept 2017

Estimated cost

\$99.45 Billion

547 fatalities

Water born diseases
create tourist issues

200,000 people displaced
(without homes or materials
to
create homes)



Hurricane Michael: Oct 2018



375,000 Evacuated



185mph winds

Reflect and describe the path of any of our
Hurricanes using your maps to help

*What were the primary and secondary issues created
and why might these be unique to LICs/NEE/HICs??*

OR

What role did arrogance and preparation play in
the impacts of the Hurricanes?

What next steps would you advise these areas
incase of future hurricanes ?

Create a 'Learning Infographic' that clearly demonstrates your views and thoughts on your chosen task and displays all you have learnt to support it. **As you can see, this is not a poster!!!!**

The learning that goes around it can be in any shape or form

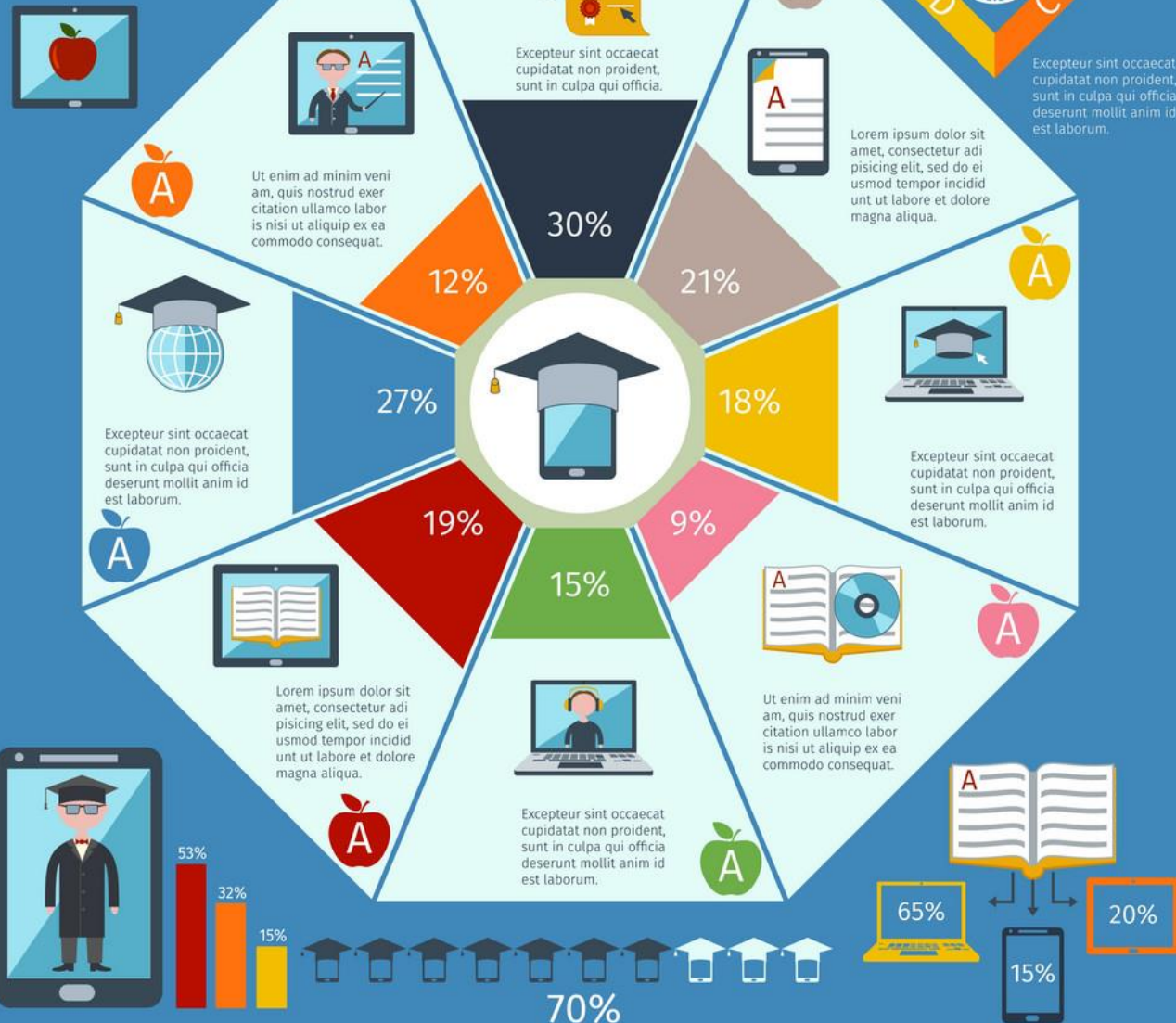
To be creative and combine this with the core knowledge

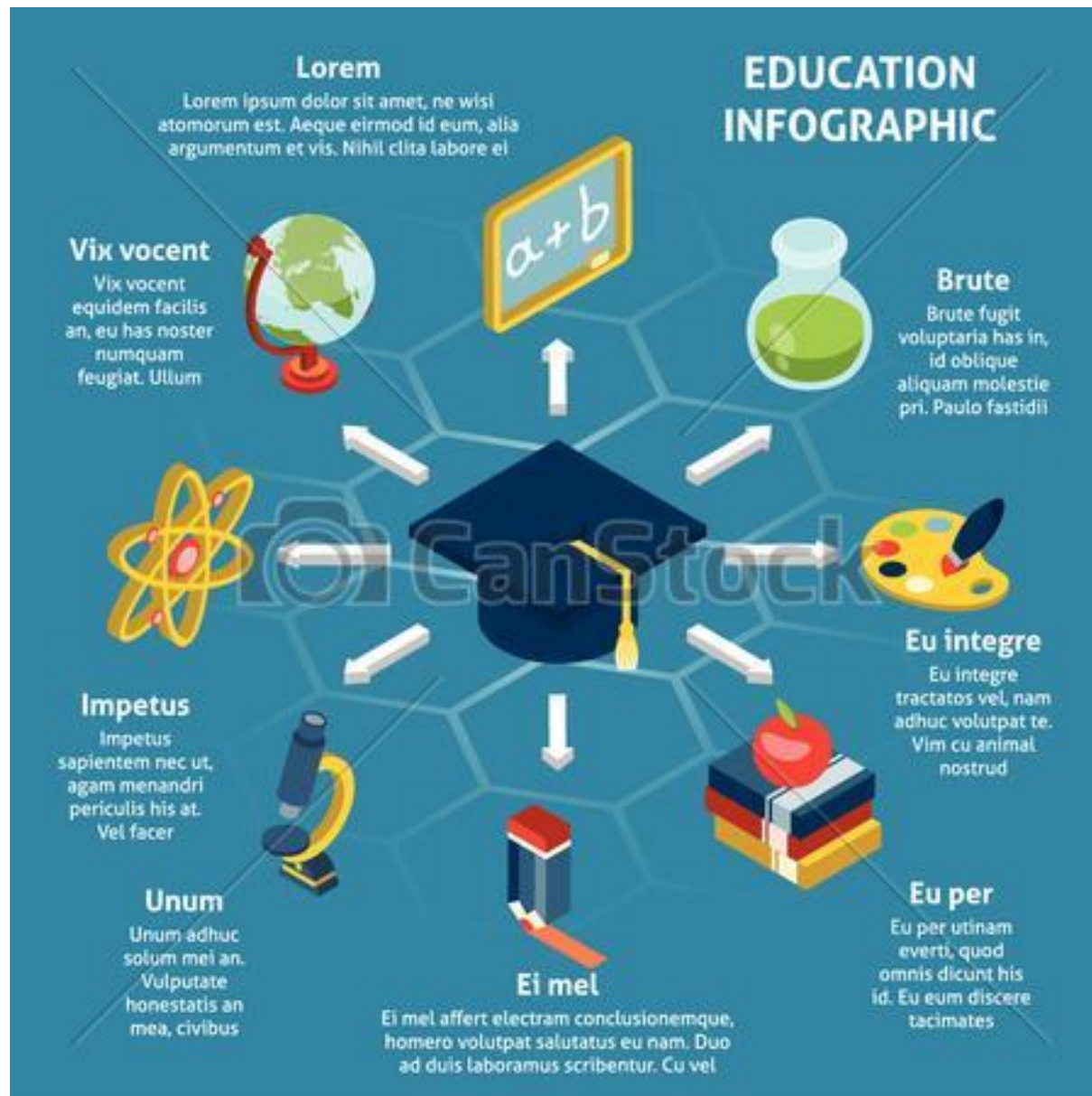
Key point/question/task can go here

To display an opinion on the task/question

Your role is to show you have learnt the key points

E-LEARNING INFOGRAPHICS





Verbs

Wait there



Helps other main verbs

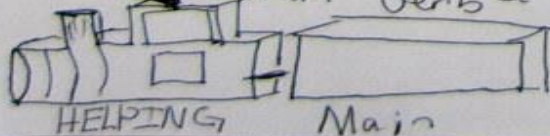
Helping Verbs

23 Helping Verbs

am, is, are, was, were, be, being, been
have, has, had, do, does, shall, should, will, were, may, might, must, can, could

I am awesome
Helps

Helping Verbs always have main verb as



ACTION

Verbs



Other Actions
swimming, rest, sleep

You do it



She tasted the salty water

Link

ing VERBS

They like ~~two~~ two things to gether

LINK

And ever and ever, ever, ever

#APCHEMISTRYAWESOME
2/25/15

● APPLICATION
● INFORMATION

SOLID
solid

CREATIVE
REWARD



BREAKING
BAD!

...SO MANY
TEACHING
MOMENTS

TEACHING IS AN ART

...I WONDER

PREP?
THE
BRAIN
FOR
LEARNING



RAMSEY
MUSALLAM

Where the sweet spot lies

● Lab
● Lecture



google

I HAVE
AMAZON
ISSUES

WHAT IS THE ~~MOTIVATION~~?
CURIOSITY IN THE CLASSROOM

EDUCATOR
VS.
ENTERTAINER

I SEE
CHEMISTRY
EVERYWHERE



HUH?
OH!
WHAT?
I GET IT!

HANDS
ON
FIRST!



@CHECK AWESOME
@checkawesome.com

< 25 MINUTES

*NO LIPS WERE DRAWN ENLARGED IN THE CREATING OF THIS SKETCH NOTE

Mendel's Model of Inheritance

★ Pairs of genes specify Traits

★ Genes for different traits called Alleles



Alleles can be **DOMINANT** or **recessive**

Twins!

AA

Homozygous

Same

Identical alleles - dominant or -recessive

Pure

Hybrid

Heterozygous
dominant
recessive

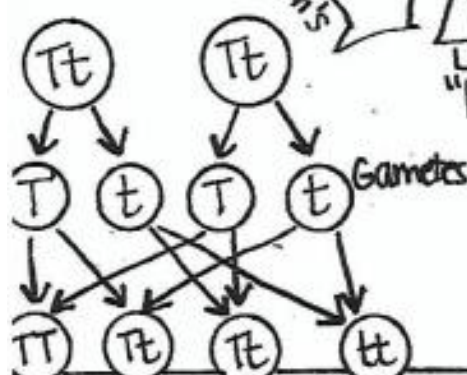
Aa

determine an organism's

Determine an organism's

Phenotype // **Genotype**

"physical appearance" // "genetic makeup"



can be predicted using a

Punnett Square

Female gamet go here

Male gametes

FOIL
First
Outside

EDUCATION INFOGRAPHICS

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc ut metus hendrerit, convallis quam quis, feugiat nisi



05

LOREM IPSUM

Curabitur interdum facilisis enim, non porttitor quam elementum aliquam. Ut at ornare nulla, a posuere massa. Aliquam consequat nisi nunc, in ornare nunc sodales eu. Sed non vehicula.

UT LECTUS URNA

Duis eu quam malesuada, pellentesque diam ut, viverra lectus. Nam elementum in urna ac semper. Ut efficitur vitae eros sit amet blandit. Proin sodales lorem sed risus mattis, vehicula mattis dolor vestibulum

04



03

NULLAM PELLENTESQUE

Proin acinia urna sapien, maximus dapibus ligula maximus vitae. Vivamus porttitor laoreet urna, vitae convallis id imperdiet. Nullam volutpat turpis ullamcorper ante tristique, quis tempor tortor dignissim

MAECENAS VIVERRA

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maecenas vestibulum molestie fells, sit amet laoreet nunc rutrum sed. Etiam ante est, sollicitudin non malesuada in, accumsan vitae urna

02



01

MAURIS ALIQUET

Sed condimentum tincidunt. Mauris congue massa sed ligula rhoncus faucibus. Mauris tristique sollicitudin ligula ut scelerisque.

7 Brain-based Tips for eLearning Success

- 
- Use stories to remember
 - Plan for 20 minutes segments
 - Help learners to avoid stress and fear
 - Favor recognition over recall
 - Keep the working memory in mind
 - Include content to which students can relate
 - Balance emotion and cognition



Summarize complex information and communicate

Good handout
Helps people remember

doodling helps you learn

What if I make a mistake?
addresses labels
rewrite
partition writing

How can you use this?
Real-time Wordle while counseling
you can add more emphasis through weight, boxes, icons...

Accountability during meetings

impossible
empty
negative
family
future

collect visual metaphors

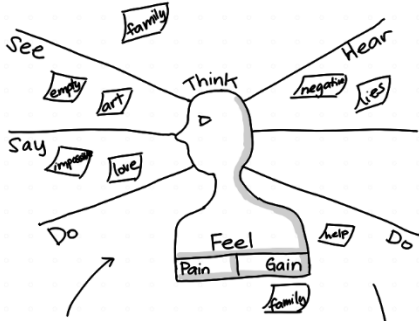
outgo
process
context

Where we are
next steps - vision
Where we want to be

mindmaps
concept map
You can use this for evaluation/assessment

Empathy Map

Think of a particular person



Choose one word from one aspect (or draw it!)

one word (not a sentence)

Practise visual hierarchy by drawing a word cloud

What do you want to communicate?

snooty-patootie art community

Lettering

TITLES should be bigger

Use different SIZES & weights

Practise writing BIGGER for titles

Some people draw sketchnotes using only lettering.

Frames

Flags

Wow!

Signs

Wow!

ideas

Quotes

Connectors

Bullets

Build your visual vocabulary.

what's your favourite thing to draw?

Practise drawing things again & again.

when you're stuck, try drawing spirals

Remember: not art

icons

simple

Collect!

sketchbook

I can draw!

"Fast like a bunny" Brandi Agerbeck

People

Faces

noses show you what people are looking at.

conflict

Using Templates

big picture/story

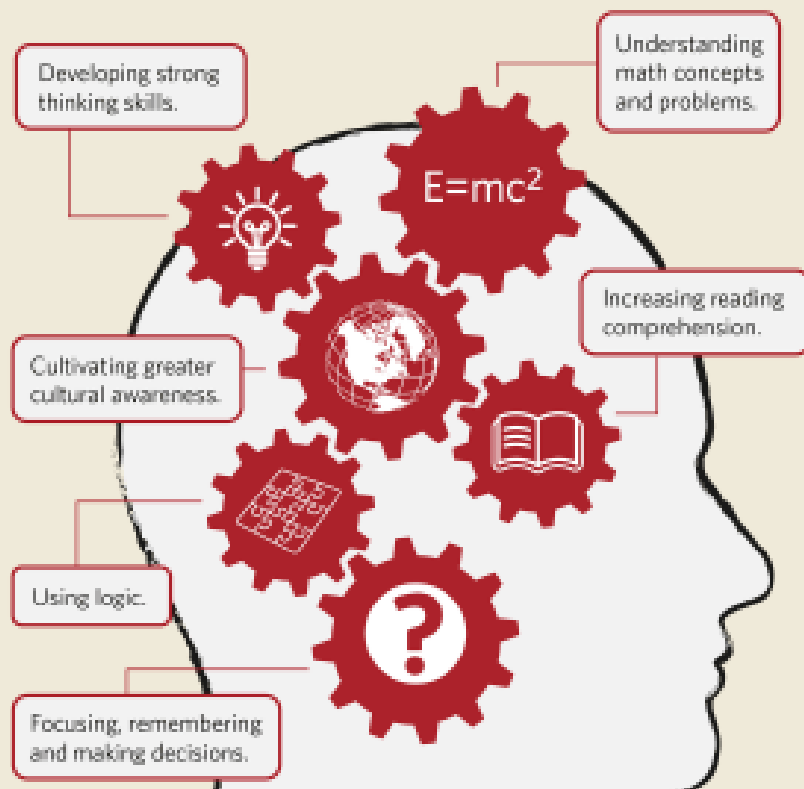
GOAL

concept map

Benefits of a Bilingual Brain

Splash language immersion programs provide a unique and powerful opportunity to strengthen children's highest cognitive brain potentials through deliberate literacy development in two languages and authentic exposure to rich language experiences.

Research shows that **bilingual people** have an easier time with these key brain functions:



Mental Health

A multilingual brain is quicker, nimbler and more resistant to Alzheimer's and other forms of dementia.



Academic Performance

Students in dual language programs consistently outperform monolingual peers on state-mandated tests, regardless of demographic.



Preparation for the Future

Bilingual adults have several advantages over monolingual adults, including