Student Worksheet – 1° ESO (Age 13) Unit: Geography – Weather, Climate & Earth's Surface		
★ OBJECTIVES		
Understand the difference l	between weather and climate	
☑ Identify the elements of climate		
Explore climate zones of the Earth		
✓ Discover how natural forces	s shape land	
Reflect on how humans and	d climate change affect our planet	
PART 1: WEATHER vs. CLIN	MATE	
Definitions:		
Weather:		
Climate:		
Activity: Circle "Weather"	or "Climata"	
Activity: Cricle Weather	of Cumate	
Statement	Weather / Climate	

It's raining this afternoon Weather

Winters in Canada are very cold Climate

Today is hot and sunny Weather

The Amazon rainforest gets rain all year Climate



The 4 elements of climate are:

CLIMATE AND EARTH

1. —	
2. —	
3. —	
4. ————	
Question:	
How does the distance to the sea affect	ct the climate?
PART 3: EARTH'S CLIMATE ZONES	
Match the climate zone to the des	cription:
A. Polar B. Tropical C. Temperate D. Dry E. Cold	
Description	Letter
Always hot and rainy (like the Amazon)	
Very cold, with snow and ice (like Antar	ctica)
Hot during the day, cold at night, very li	ttle rain
Warm summers, cool winters (like Spai	n)
Short summers, long freezing winters (l	ike Siberia)
→ PART 4: EROSION – HOW EARTH S	HAPES ITSELF
Fill in the blanks:	
1. Rivers carve and	d transport
2. The sea creates beaches by	the coast.
3. The wind shapes the land by mo	/ing
4. Water can dissolve rock and form	n

FUN FACT: The Grand Canyon was formed over millions of years by river erosion!		
⊗ PART 5: HUMAN IMPACT ON THE LAND		
○ Short Answer:		
Give 2 ways humans change the landscape:		
1. ————————————————————————————————————		
How can we reduce erosion caused by humans?		
N PART 6: CLIMATE CHANGE		
Our planet is warming. Ice is melting in places like.	ke Mount Kilimanjaro in	
✓ True or False?		
Statement	True / False	
Climate change is causing more extreme weather		
Mount Kilimanjaro's snow is growing more each year	r	
Human actions affect the climate		
Polar bears are happy about climate change		
PART 7: CREATIVE ACTIVITY		
Draw the 5 Climate Zones on this World Map Outline:		

Use colors and a legend:

(Teacher or student can paste a blank world map here)

- Blue = Polar
- Green = Temperate

Yellow = Dry Red = Tropical • Purple = Cold BONUS GAMES & ACTIVITIES (Optional) • Make a "Weather Diary": Record weather for 5 days in your town. • Act like a Meteorologist: Prepare a 1-minute weather forecast. • Climate Zone Bingo: Prepare pictures of landscapes—students match to zones. **USEFUL LINKS FOR RESEARCH** NASA Climate Kids AEMET - Spanish Weather Institute • Earth Wind Map – Real-Time Air Movement **GAMPS** FINAL REFLECTION Why is it important to understand climate and how it's changing?

Would you like me to deliver this as a **printable PDF**, a **Google Docs version**, or an **editable PowerPoint** for classroom use?