

# GUARDIANS OF NATURE

HEROES IN ACTION TO SAVE THE PLANET



Interreg  Co-funded by the European Union  
Italy - Croatia  
 ACTION

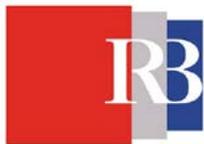
**SINGLE MODULE**

# Preface

The digital educational kit “Guardians of Nature” provides **digital materials** that can be freely downloaded from the page <https://www.italy-croatia.eu/web/action/library>. This educational tool is created as part of the dissemination activities of the **Interreg Italy-Croatia ACTION project**.

The educational kit is designed with language suitable for primary and middle school students, to raise awareness and introduce them to the themes of biodiversity protection, climate change, and Nature-based solutions, as well as the actions that every European citizen can take to preserve the environmental heritage. The contents of the educational kit have been structured taking into account the current needs of school curricula for achieving **interdisciplinary skills** between Science and Civic Education, combining concepts of a purely scientific nature with those of key European competences, which as a whole represent the necessary skills for the personal fulfilment of each student, also as a future European citizen.

The kit includes a series of **educational supports** divided into a single module for students in the early years of primary school and 3 modules and 3 teaching units for the later years of primary and middle school, which can be integrated in various ways to create a kit suitable for both a few and several meetings. At the link above, in addition to the student manual for use in the classroom, you can download the teacher’s manual and printable sheets for carrying out extracurricular activities.



DEPARTMENT  
OF BIOLOGICAL, GEOLOGICAL  
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SCIENCES



# citation

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### How much do you know?

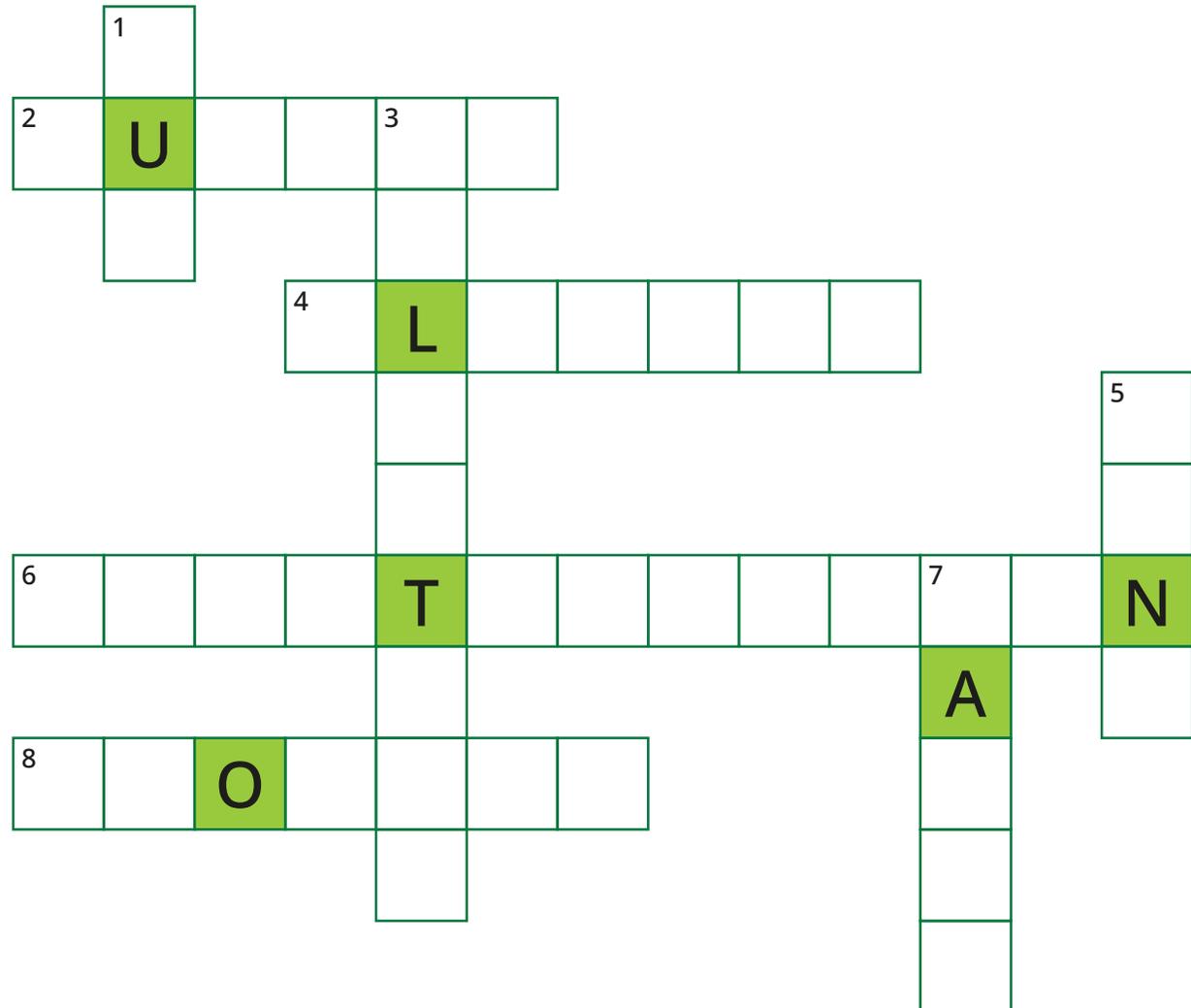
Before you read the story of the Guardians of Nature, fill in the crossword puzzle and then immerse yourself in the world of our superheroes!

### ACROSS

- 1 It's in the sky and gives light
- 3 Dirt that harms the environment
- 5 Moving air that produces energy
- 7 Our planet

### DOWN

- 2 The continent where we live
- 4 How the weather changes in a place
- 6 Sea between Europe and Africa
- 8 Study of nature and animals



## LEAFLET



**THE GREEN SEER**

### **POWER OF THE VITAL SAP**

Super connected with both the Earth and the Air, she can discover the components of fluids and purify them: by smelling the air, she detects compounds and balances the oxygen supply or reduces greenhouse gases; by touching the soil, she can feel what the roots absorb and the quality of the water, fresh or salt, pure or polluted. Only in the most difficult situations does she resort to the seeing power of her dewdrop, capable of discovering the future of even the most mysterious things.

**HOW TO CULTIVATE THE SUPERPOWER:**  
water, nutrients, soil.

## WAVE



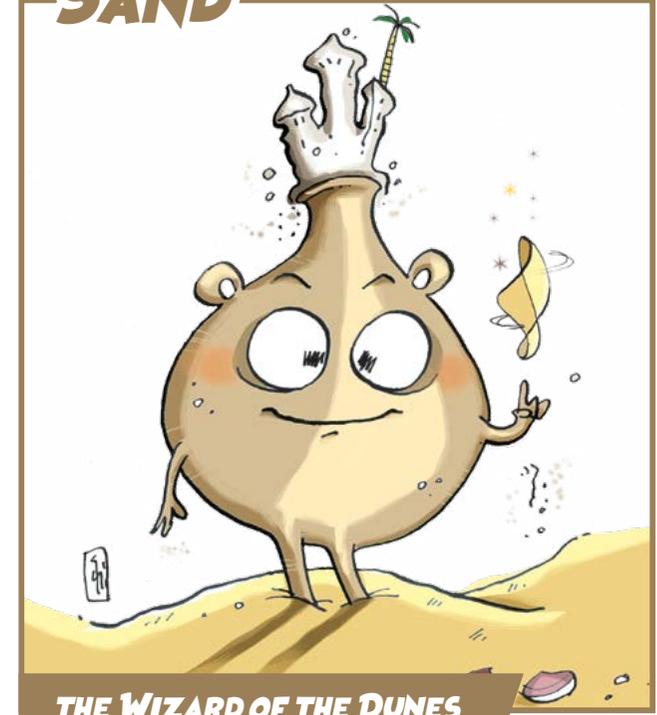
**THE KNIGHT OF THE SEA**

### **WAVE GUIDANCE AND COASTAL SHIELD**

Super connected with any object formed of water, this slippery knight guides the waves, tides, and flows of seas and rivers towards their preferred routes. Furthermore, he has the power to whisper to marine creatures how to follow the right currents, to guide everything to its place. By channeling this aquatic traffic, he protects the coast and all environments characterized by water. He is a patient and thoughtful leader, but be careful not to anger him!

**HOW TO CULTIVATE THE SUPERPOWER:**  
wind, water, mild temperatures.

## SAND



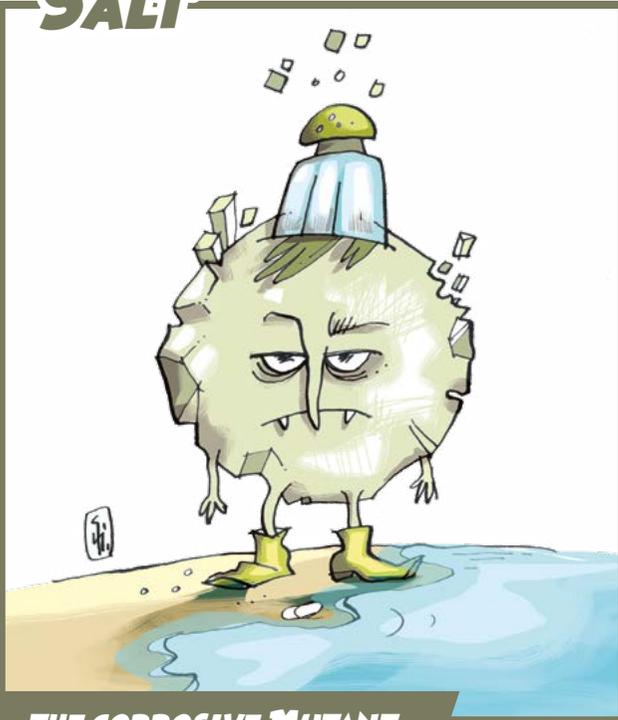
**THE WIZARD OF THE DUNES**

### **SOLID AND MAGICAL CONSTRUCTION**

Guardian of the dunes, he masters the art of manipulating sand and creating impressive shelters and protective shields. With a simple gesture, he can evoke a magical shield of sand, protecting himself and others from any threat. When all hope is lost, he can resort to his most mystical ability: by infusing his energy into the sand, he can animate it, creating sentinels that whisper ancient and future secrets to him.

**HOW TO CULTIVATE THE SUPERPOWER:**  
wind, sand, plant roots.

# SALT



**THE CORROSIVE MUTANT**

## MUTATION AND INVISIBLE SWIMMING

With impressive mutant abilities, Salt can create splendid halite crystals of the most impressive shapes. However, in a short time, he can dissolve into water, flowing invisibly and unstoppably through every drop. Often confused and disoriented, Salt stubbornly goes up the mouths of rivers instead of staying in his favorite environment: the sea.

**HOW TO CULTIVATE THE SUPERPOWER:**  
water, heat, rocks.

# FLAME



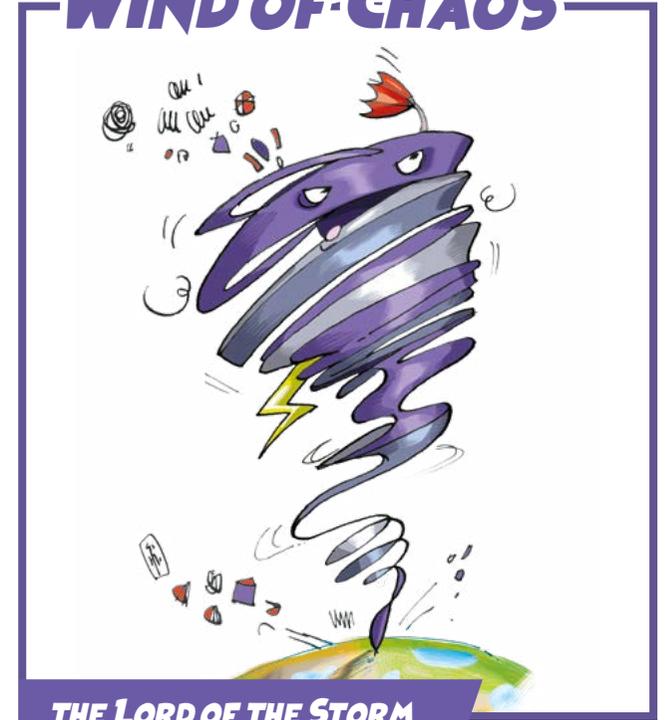
**QUEEN OF DARK FIRE**

## POWER OF DARK FIRE

Flame, the Queen of Dark Fire, is deeply connected to heat and darkness. This allows her to perceive and manipulate the most intense energies. By touching a heat source, whether it's a dancing flame or the warmth of an object, she can incinerate everything around her in an instant. She might seem like someone to stay away from, but...

**HOW TO CULTIVATE THE SUPERPOWER:**  
wind, fire, drought.

# WIND OF CHAOS



**THE LORD OF THE STORM**

## FORCE OF THE STORM

Deeply connected with the air and water of the sky and the earth, Wind of Chaos embodies the Force of the Storm. He can perceive every slightest fluctuation of air and water and manipulate currents with devastating precision. By tuning in and connecting with the elements, he creates storms, thunder, and lightning at his pleasure! He is a bit mischievous and decides to move clouds and rains, also creating drought events.

**HOW TO CULTIVATE THE SUPERPOWER:**  
wind, temperature changes, cloud.

## CHAPTER 1

# GUARDIANS OF NATURE

In the heart of Planet Earth, on the coasts of the ancient Adriatic Sea, watched over the **Alliance of the Guardians of Nature**, composed of three superheroes with great powers:

**Little Leaf**, the **Green Seer**, with deep roots and special leaves, sniffed out the secrets of the air and the earth, purified the atmosphere and strengthened the soil;

**Wave**, the **Knight of the Sea**, riding the waves with grace, guided tides and currents, moved nutrients for marine creatures and guided fish in their migrations;

**Sand**, the **Wizard of the Dunes**, thanks to his ability to shape sand, created impenetrable barriers to protect the coast and built safe havens for animals and plants. Together, they were the keepers of nature and the guardians of the perfect balance between land, water and air.



## CHAPTER 2

# THE SHADOW OF CHANGE

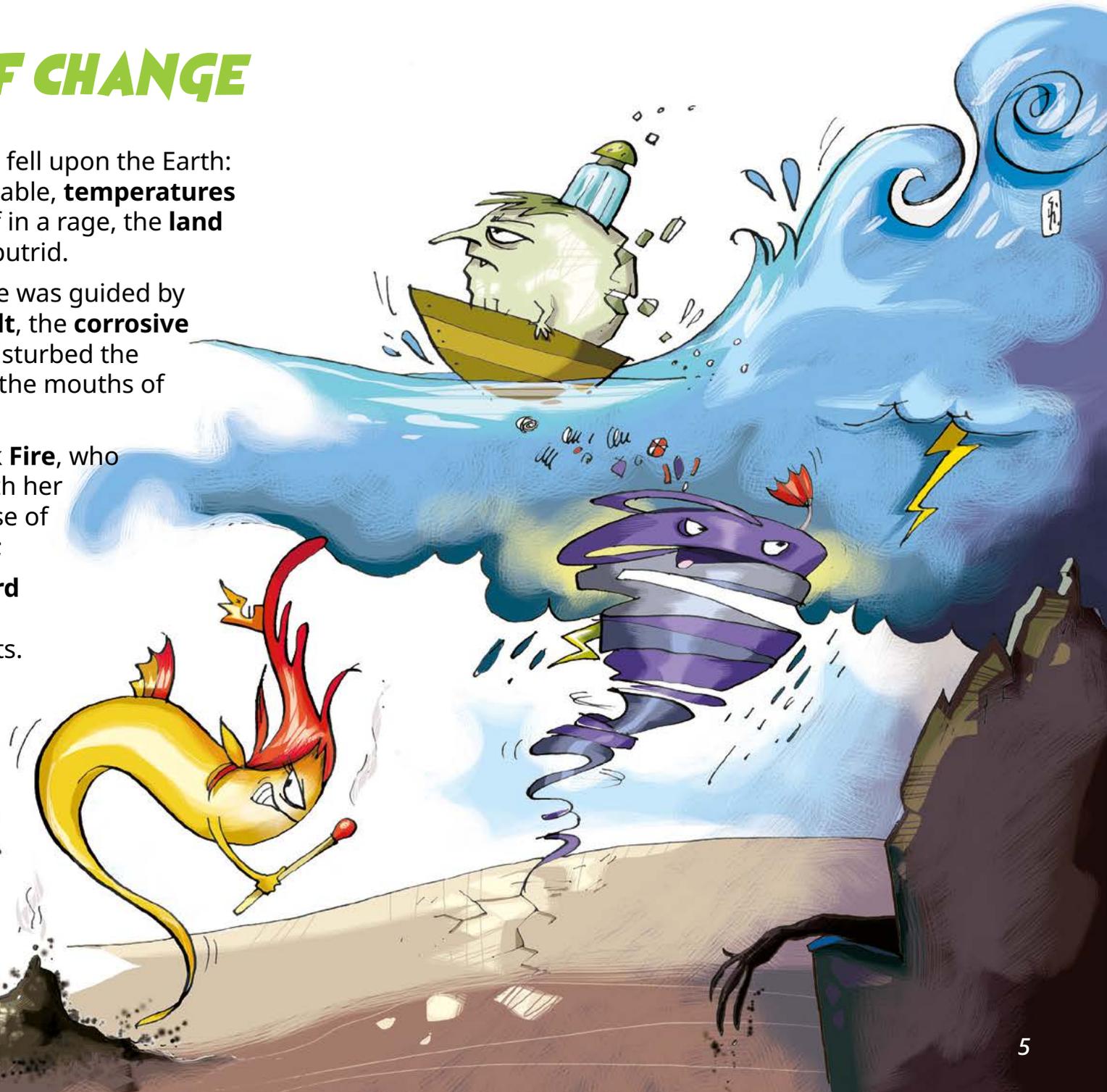
One day, however, a **dark shadow** fell upon the Earth: the air became gray and unbreathable, **temperatures** began to rise, the sea swelled as if in a rage, the **land** became dry, arid and sometimes putrid.

The shadow of this strange change was guided by the powers of three dark lords: **Salt**, the **corrosive Mutant**, an unstable being who disturbed the balance of fresh waters, going up the mouths of rivers;

Flame, the **greedy Queen of Dark Fire**, who set forests and beaches ablaze with her burning touch, for the sole purpose of accumulating more and more ash;

and finally **Wind of Chaos**, the **Lord of Storms**, who unleashed floods alternating with immense droughts.

These, unbeknownst to all, were pawns of a mysterious supreme leader: **Lord Thermon**, the **Global Warming destroyer of the Climate**, an invisible enemy that threatened the entire Planet.



## CHAPTER 3

# THE IMPOSSIBLE CHALLENGE

The **Guardians**, determined to defend the Planet, hurled themselves against these formidable adversaries. Wave unleashed **gigantic waves** to bring Salt back to the sea, Little Leaf evoked the **filtering power** of her leaves to purify the contaminated air and water, and, with her strong roots, tried to hold back the land, which risked being carried away by the floods. Sand erected **impenetrable shields** and, with patience, tried to **rebuild** the dunes that had been swept away by the enemies in action.

But these dark lords proved to be truly overbearing adversaries: the **fires** continued to rage, the land and water were **contaminated**, the air was still full of **unbreathable gases**. It was then that Little Leaf, while Wave and Sand held back the enemies, resorted to the power of vital sap to discover the identity of their real enemy: **Lord Thermon**. Now everything was clear: only by **joining the forces** of heroes and enemies could they defeat him!



## CHAPTER 4

# UNITY IS STRENGTH

So, the Guardians also summoned Salt, Wind of Chaos, and Flame, and **together** they **defeated** Lord Thermon and restored the **climate balance**:

Wave **cooled** the oceans and **guided** the now disoriented currents back to their ancient routes; Little Leaf restored balance to the air and land by **increasing oxygen** and **eliminating** the toxic substances that were poisoning them;

Sand and Salt **created** coral reefs and dunes to defend the coasts; Flame **generated** clean energy with the force of her fire and **renewed** numerous areas where new plants sprouted. Finally, Wind of Chaos, who had now learned to control his fury, **brought cool winds**, refreshing rains, and **dissipated** the storms.

The Alliance of the Guardians of Nature, united with their former enemies, thus became the legendary **Union of the Planet**, which watched forever over the balance of the elements of our beloved Earth!



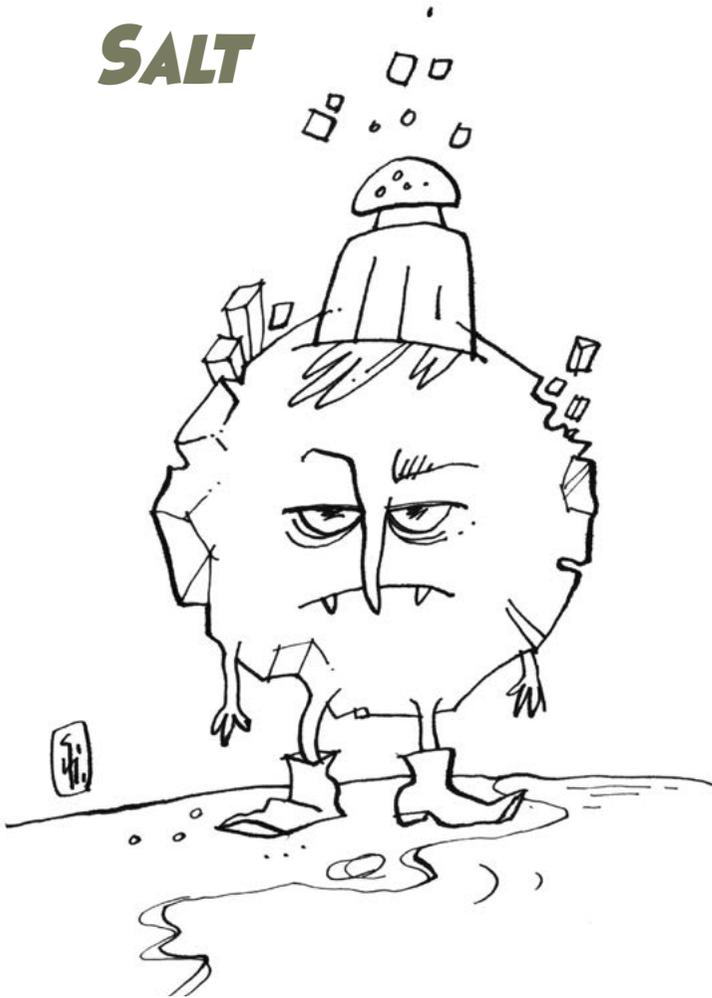
**SAND**

**LEAFLET**



**WAVE**

**SALT**



**FLAME**



**WIND OF CHAOS**



**THIS BOOKLET BELONGS TO:**

**ADDRESS:**

**SCHOOL:**

**CLASS:**

