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Blue-Bot activity

Water

Are you saving or wasting water?

Key Competences	☒ Literacy ☒ Multilingualism ☒ Active citizenship ☐ Entrepreneurship ☐ Cultural awareness and expression ☒ Numerical, scientific and engineering skills ☒ Digital and technology-based competences ☐ Interpersonal skills
Grade	☐ 1 ☐ 2 ☒ 3 ☒ 4
Duration	50 minutes
Grouping	☒ whole class ☐ groups of ☐ partner work ☐ individual work
You need	Storms & Rainbows Blue-Bot mat, Saving or wasting water Blue-Bot question cards, 2 Blue-Bot jackets (personalised), 2 Blue-Bots, 2 Tablets with Blue-Bot app installed, 1 dice
Procedure	1. Arrange pupils to sit in a circle around the Blue-Bot mat. 2. Dress up the Blue-Bots with the personalised jackets so you can tell them apart and place them on the start square. 3. Exemplify the game with two pupils. 4. Each team sends one player at the time. 5. The player rolls the dice to find where the Blue-Bot will land. 6. The teacher asks a question and the player consults his/her team to give an answer. 7. If the answer is wrong, the Blue-Bot is not allowed to move. 8. If the answer is right, the player writes the algorithm on the tablet to move the Blue-Bot to the correct square. 9. If it lands on the correct square they stay there but if it doesn't they go back to the square they were on! (Unless they were due to land on storms or rainbows, in which case they still have to move their Blue-Bot to the end of it). Follow up 1: playing the game with smaller groups You may choose to group pupils in teams of two or more, depending on how many Blue-Bots and Tablets you have at your disposal. Teams can keep track of where their Blue-Bot is on the mat with a counter so only one Blue-Bot is needed per mat. Follow up 2: additional challenge to be given to more confident pupils The Blue-Bot should pause on squares with odd/even numbers.

Blue-Bot Picture: https://www.tts-international.com/blue-bot-bluetooth-programmable-floor-robot/1015269.html
Flag: www.pixabay.com

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Are you saving or wasting water?

Are you saving or wasting water?

Turning off taps while brushing your teeth.

Are you saving or wasting water?

Collecting rain water to water the plants.

Are you saving or wasting water?

Leaving the tap on while brushing our teeth.

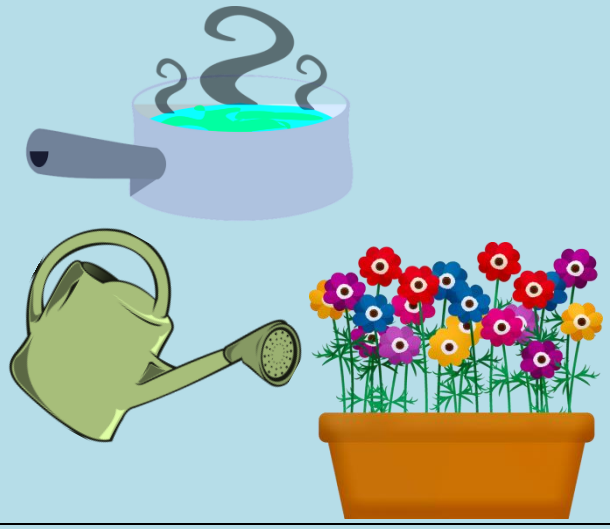
Are you saving or wasting water?

Having a short shower.

Are you saving or wasting water?

Taking a bath.

Are you saving or wasting water?



Using water that has been used for cooking to water plants.

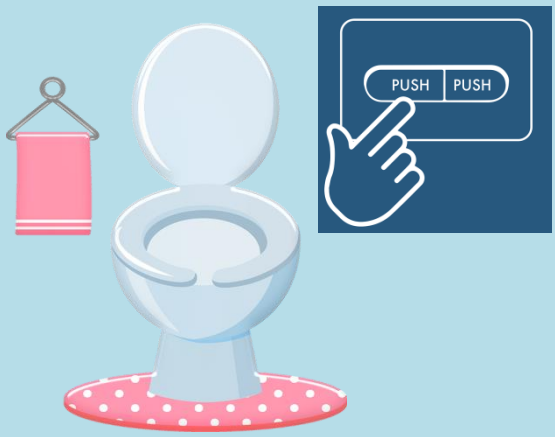
Are you saving or wasting water?

Using the washing machine only when it is full.

Are you saving or wasting water?

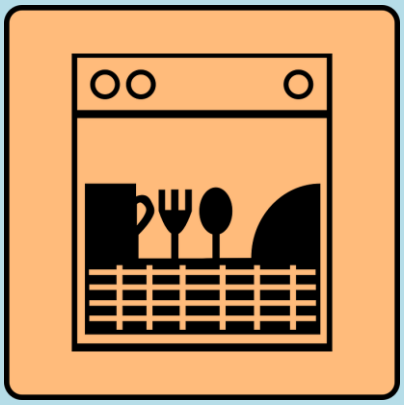
Playing with water.

Are you saving or wasting water?



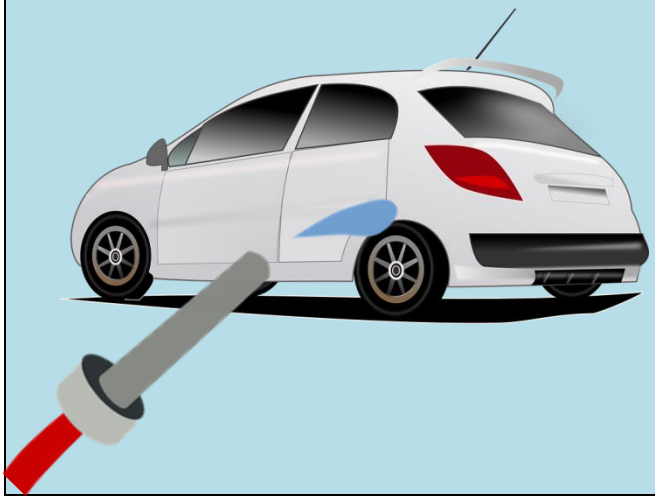
Using a dual-flush toilet.

Are you saving or wasting water?



Using the dishwasher only when it is full.

Are you saving or wasting water?

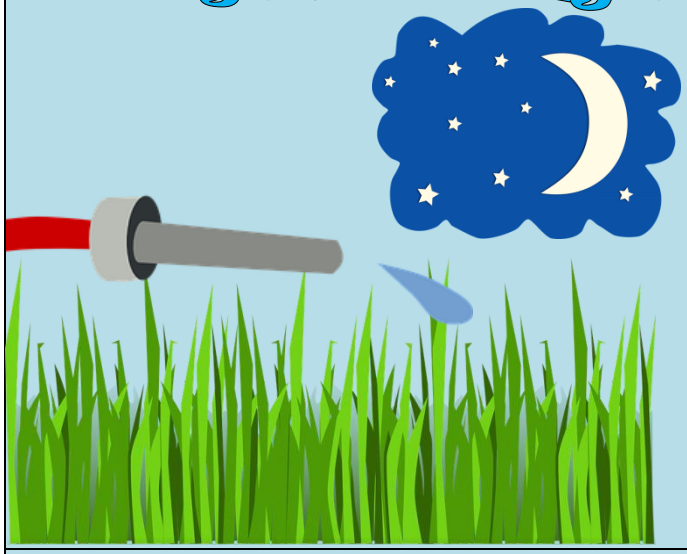


Washing the car at home with a hose.

Are you saving or wasting water?

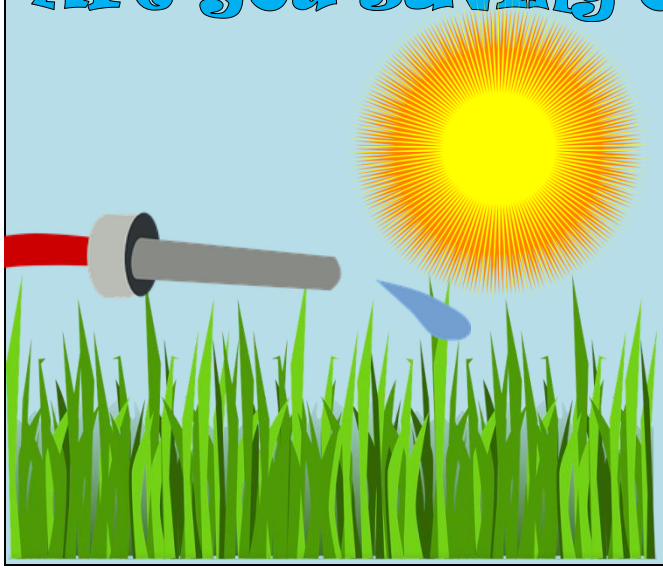
Fixing leaking pipes.

Are you saving or wasting water?



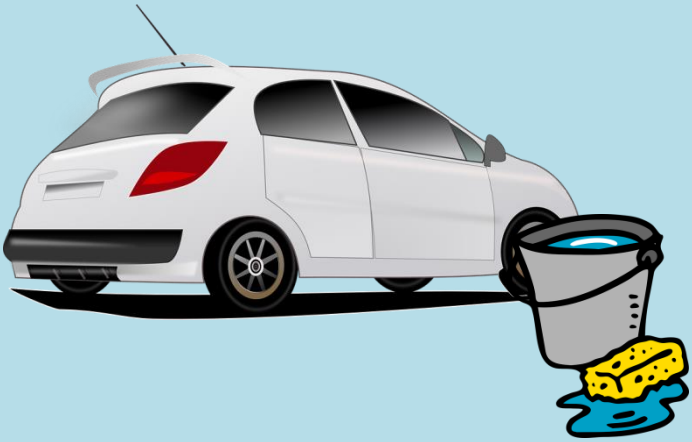
Watering the lawn during the cool parts of the day.

Are you saving or wasting water?



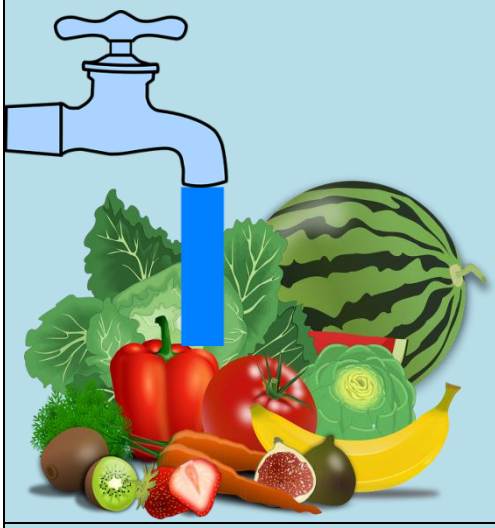
Watering the lawn during the hot parts of the day.

Are you saving or wasting water?



Washing the car with a bucket and a sponge.

Are you saving or wasting water?



Letting the tap run while you clean vegetables.

Are you saving or wasting water?

Fixing a dripping tap.

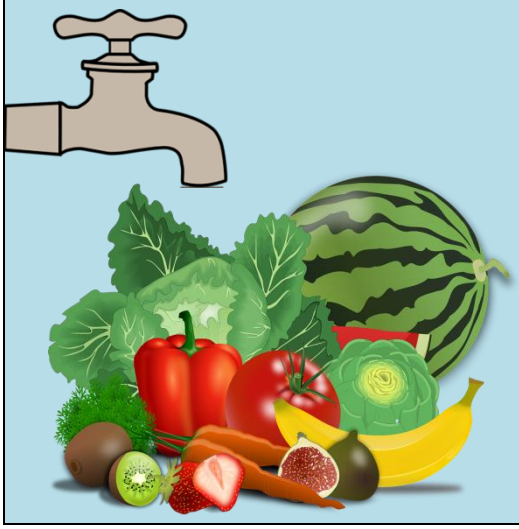
Are you saving or wasting water?

Using a watering can to water the plants.

Are you saving or wasting water?

Turning off the tap when soaping in the shower.

Are you saving or wasting water?



Turning off the tap while you clean vegetables.

Start
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Finish

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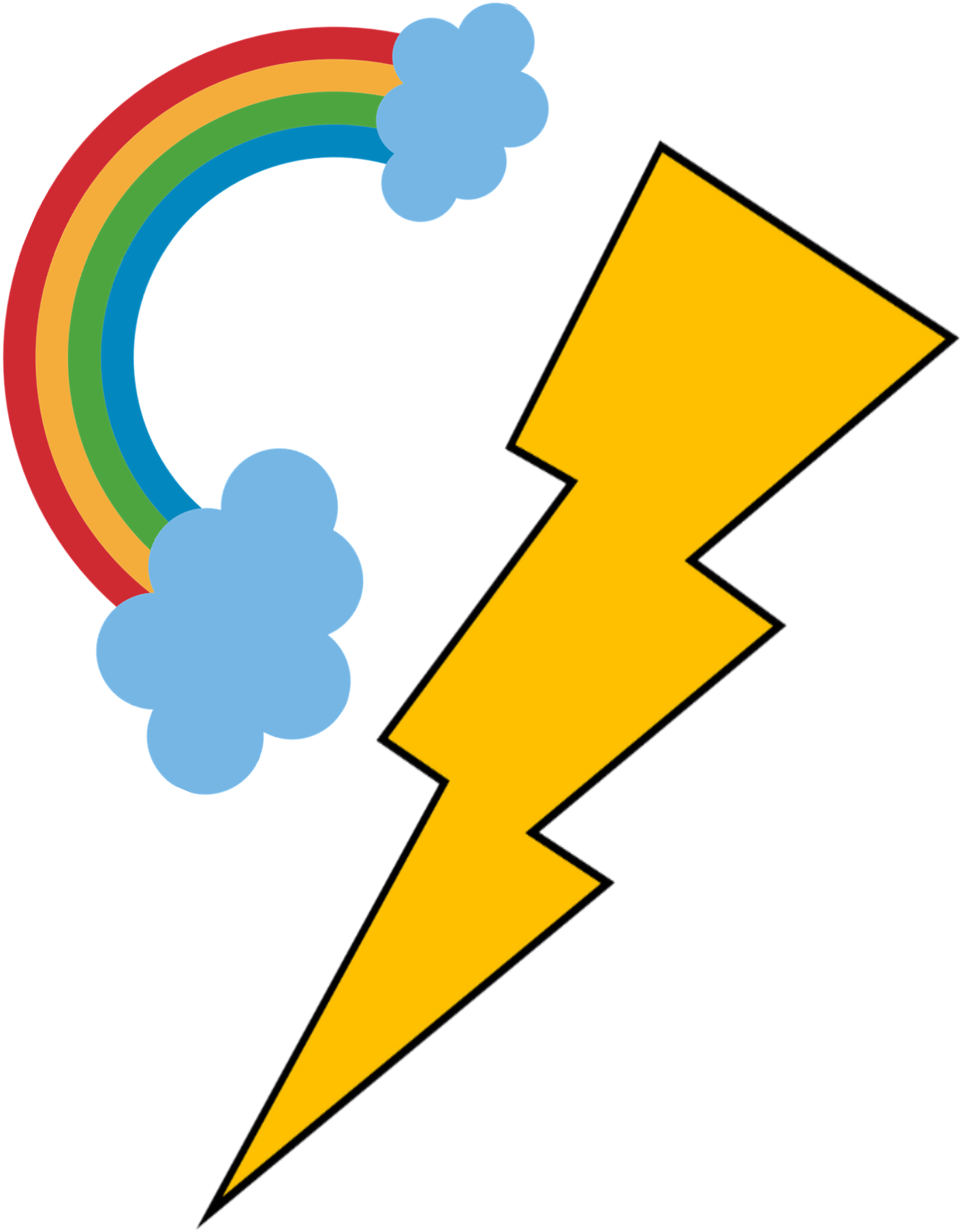

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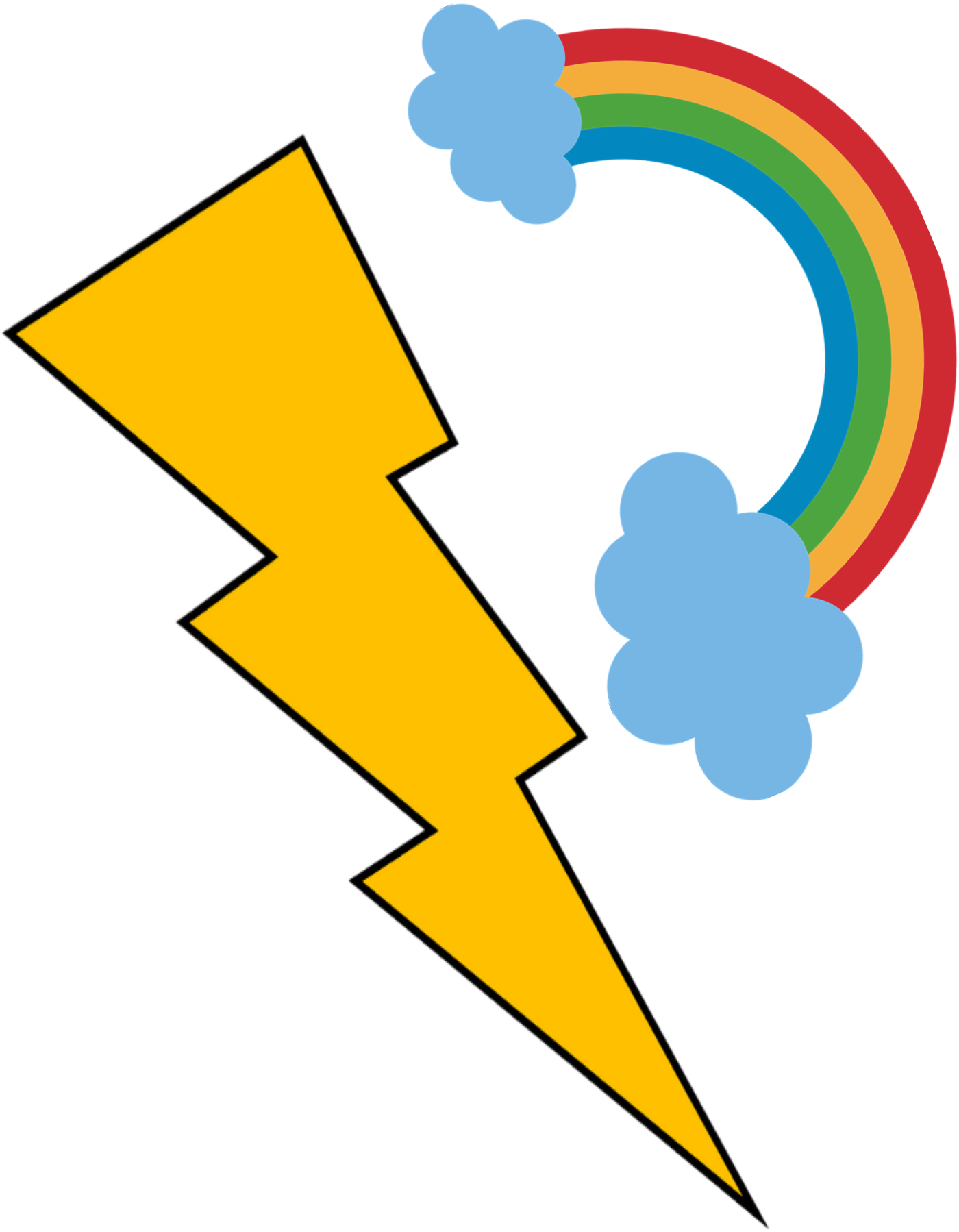

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