This resource was created by two student teachers in collaboration with Mary Immaculate College and Trócaire. It is designed to add a splash of fun and encourage an appetite for learning in the classroom.

What’s this all about?
This game is an interactive adaptation of the well-known game ‘Twister’ and is a way to assess children’s knowledge of environmental concepts. The game can be adapted for use in senior primary or post primary classrooms. The ‘Twisted Game of Climate Change’ is an easy-to-make, accessible and educational game that can aid both teaching and learning within the classroom. It can be integrated across the curriculum in order to develop children’s knowledge and understanding of climate change.

This resource includes:
- Thematic plan
- How to play the game
- How to create the game
- Question cards
How to play the game

1) Designate two teams of three/four players
2) A member of one team spins the spinner to determine colour and limb, then assumes that position; for example, right hand, blue
3) Another member of the same team reads a question card of corresponding colour; for example, blue question card
4) If the player answers correctly, move onto the next team. If the player answers incorrectly, the opposing team is given a chance to answer
5) Teams take turns until a player falls and only then will the opposing team win the game

Possible differentiation
Players can consult with team members to answer the question cards or answer as an individual team player.
HOW TO CREATE THE GAME

This resource can be created through a variety of avenues within the classroom; for example, student-directed project (via art classes). This game is a teaching methodology and any social justice theme can be applied to the implementation of the game.

What You Need

Materials that can be used to make the mat include:
- Duvet sheet
- Cardboard
- Paint
- Coloured paper
- Floor stickers

Materials that can be used to make the spinner include:
- Die
- Fidget spinner
- Paper plates
- Wheel
- Clock

Directions:
- Build a ‘Twister’ mat with some of the materials mentioned above; for example, duvet mat and paint
- Get creative when making a spinner. Ensure it includes 4 colours and 4 limbs (left hand, left foot, right hand and right foot)
Below you will find some examples of question-and-answer cards that can be used to play the game. You can encourage children to develop personalised question cards relating to thematic lessons.

### WATER AND AIR

<table>
<thead>
<tr>
<th>Differentiation</th>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
</table>
| Lower order     | Name three ways you can save water | • Turn off taps  
• Shower instead of bath  
• Fix leaking taps |
| Higher order    | Lots of trees are cut down in Brazil every day. What effect might this have on the earth? | • An increase in CO2 in the atmosphere |

### RENEWABLE ENERGY

<table>
<thead>
<tr>
<th>Differentiation</th>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower order</td>
<td>What is renewable energy?</td>
<td>• Renewable energy is made from resources that nature will replace, like wind, water and sunshine</td>
</tr>
</tbody>
</table>
| Higher order    | Windmills have been used in Ireland to generate renewable electricity from the wind. What is your opinion on this? | • Scarring the landscape  
• Dangerous  
• Sustainable/renewable |

### CLIMATE AND WEATHER

<table>
<thead>
<tr>
<th>Differentiation</th>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower order</td>
<td>What is the difference between weather and climate?</td>
<td>• Weather is local, temporary conditions. Climate is the long-term conditions over a large area</td>
</tr>
<tr>
<td>Higher order</td>
<td>Storms are becoming stronger and more intense in Ireland and other countries around the world. Why do you think this is happening?</td>
<td>• The climate is changing due to global warming, which causes more extreme weather conditions</td>
</tr>
</tbody>
</table>

### RECYCLING

<table>
<thead>
<tr>
<th>Differentiation</th>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
</table>
| Lower order     | Name four things in the room that we can recycle | • Copybook  
• Cardboard box  
• Technology  
• Yogurt carton |
| Higher order    | How would you advise your neighbouring classroom to reduce their usage of single-use plastic bottles? | • Reusable bottles  
• Cups and tap in classroom  
• Biodegradable bottles |
AMY
I’ve always had a passion for environmental education and I strive to encourage the integration of education for sustainability in the modern classroom.

I created this resource as I believe children learn best by doing. The practical element of an adaptable game in the classroom provides opportunities for fun and excitement to enter the teaching and learning environment.

I hope that you will experiment and enjoy this resource. As it fuses with your classroom practice, children can enjoy learning and self-assess their educational journey through ‘The Twisted Game of Climate Change’.

ELLEN
Teaching children about unequal structures in our communities and the wider world has always been a personal interest of mine, especially the topical subject of climate change.

As a newly qualified teacher, I understand that teachers want a resource that is interactive, adaptable and fun!

This resource will allow children to become independent in their learning and in their assessment of themselves and their peers. I hope this resource brings you and your class as much excitement as it did others.