



The 5th Season!

STEAM Project



Challenge:

***Give Mother Nature a break.
 Can you design the 5th season?***

Before you begin, it may be a good idea to explore for example seasons, the calendar and/or directed numbers with your class.

Question Prompts – these are to help nudge and guide questions. Choose the questions that are most suitable to develop the 5th season idea in your classroom

<p style="text-align: center;"><u>Maths</u></p> <ul style="list-style-type: none"> • How does the calendar work? • How many days are there? • What’s the order? – before/after • How cold/hot does it get? • Tell me about the temperature (extremes? Averages?) • Could you restructure the seasons mathematically to include a 5th season? • Do you need a new Calendar? • How many daylight hours will it have? 	<p style="text-align: center;"><u>Science</u></p> <ul style="list-style-type: none"> • How do the animals/birds/sea creatures behave (migration, hibernation)? • What will the weather be like? • What do the trees look like? Colours? • Does anything particular grow? (Vegetables, fruits, trees, plants or something new?) • What clothes will you need? • What does the sky look like?
<p style="text-align: center;"><u>Critical Thinking</u></p> <ul style="list-style-type: none"> • Would a new season work? Why? • How does your new season fit into the calendar? Do you need to design a new calendar? • How would your new season affect a farm, a zoo or people’s lives? • Does your new season solve any problems related to any of the other four seasons? 	<p style="text-align: center;"><u>Creativity</u></p> <ul style="list-style-type: none"> • Does anything special happen? • Is there anything dangerous about your season? • Is your season like the other our seasons or is it different? How? • Would Mother Nature be happy to include your season? Why?
<p style="text-align: center;"><u>Communication</u></p> <ul style="list-style-type: none"> • How will you tell your teacher about your new season? • How would you tell a younger/older class about your new season? Do you think they would like it? • If you were given one minute on the RTE news to tell the people of Ireland about your season, what would you say? 	

<p style="text-align: center;"><u>Extension STEAM Starters: Engineering/ Construction</u></p> <ul style="list-style-type: none"> • Design and make something that makes your season unique? • Design and make a new invention for your season • Construct a scene from your season • Construct what a tree might be like in your season from paper

**This STEAM challenge card is to assist teachers in planning their unit on STEAM. Please adapt as necessary. Key to this challenge is to let the pupils develop their answers, nurture their creativity & let their individuality shine.*