



# Vegetation Succession Investigation

- Looking at whether or not a succession is happening along a transect.
- This could be done on a beach with dunes at the back, on a moorland, on a mountainside. (Ask Mr Miller if your location can be studied)

## Hypothesis

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**"The number of (concentration) and type of plants (diversity) increases as you go further from the sea"**

## Introduction

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- **Where are you studying?**
- **What is 'succession' and 'invasion'?**
- **What would you expect to see if 'seral' succession is happening? What should the 'climax' vegetation be?**
- **Might people have affected the succession?**

## Method

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- **Measure the concentration (amount of ground covered by plants) and diversity (number of different species) along a transect (a straight line)**
  - **Use a quadrat (Science dept.) to take samples at intervals along your transect.**
- **Take photographs along your transect**

## Results

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- **Graphs to show plant concentration along transect.**
- **Graphs to show how plant diversity changes along the transect.**

## Conclusion

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- **Does the concentration of plants increase?**
- **Does the diversity of plants increase?**
- **Is the climax vegetation reached along the transect?**

## Evaluation

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- **If you were to take the study further, how would you improve on the ways that you collected the data?; what new information would you want to find out?**