

## \* Hereditary variations and their role in evolution

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### Introduction

Two individuals even belonging either to the same species or from each other in many characters such as size, form and nature.

- The offsprings of the same parent differ to each other except identical twins.
- These differences are due to adaptations to suit the ever changing environment.
- The structural modifications causing differences are called variations.
- The variations is the inherent property of living organisms.
- Heritable useful variations pass on to the next generation and increase in extent in successive generation.