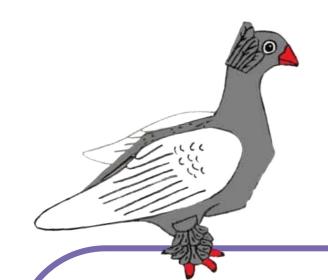
## Diversity in STEM Teaching



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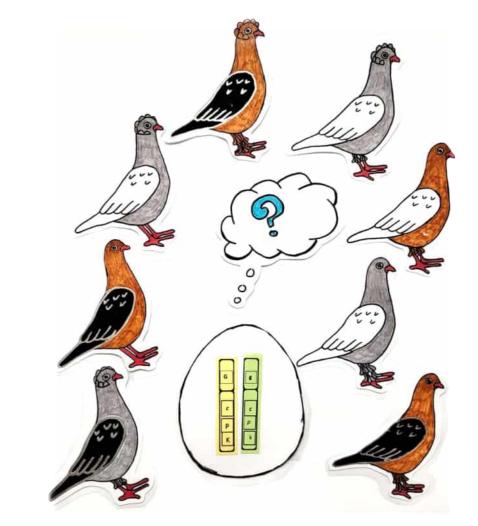
## Pigeon Genetics

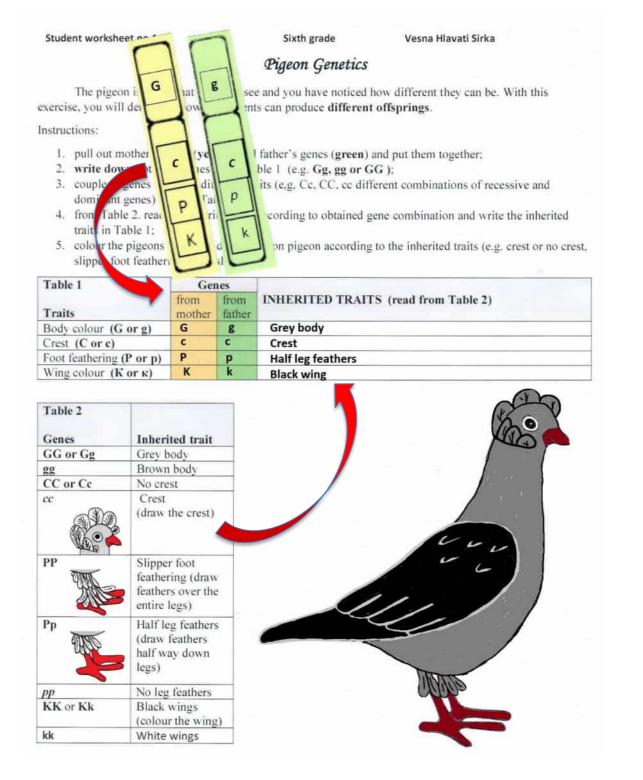
The Pigeon Genetics project was created so that students can understand how different combinations of genes lead to the expression of different traits with hands-on activities.

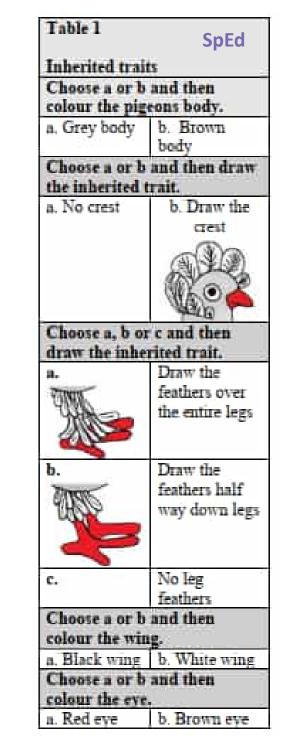
The inheritance of pigeon traits had to be simplified in order to adapt to students' age and students' learning level.











Pigeons have two copies of each chromosome (from mother and father).

Each parent can make gametes with many possible gene combinations, hence offspring gets a unique set of genes and a unique set of inherited traits.

## Conclusion

Students learn about the inherited traits based on the gene combination, draw and colour the traits and make the pigeon out of the paper model.

