

# Don't sin, put it in the bin

Al Sadiq and Al Zahra School



# What Islam says....

- ▶ The Quran also describes the believing men and women as those who "walk on the Earth in humility." (25:63) Scholars have interpreted this verse, and others like it, to mean that **Muslims are to protect nature's many bounties given to them by the Almighty.** Preservation is therefore more than a good policy recommendation – it is a commandment from God.



# Litter Survey

▶ *We asked a number of pupils various different questions about litter here is a sample*

- 1. Do you litter?*
- 2. What do you think is the worst kind of litter?*
- 3. What do you think is the main problem caused by litter?*

*The majority of pupils mentioned pigeons in their answer to question 3 so we decided to look into this aspect a little further.*



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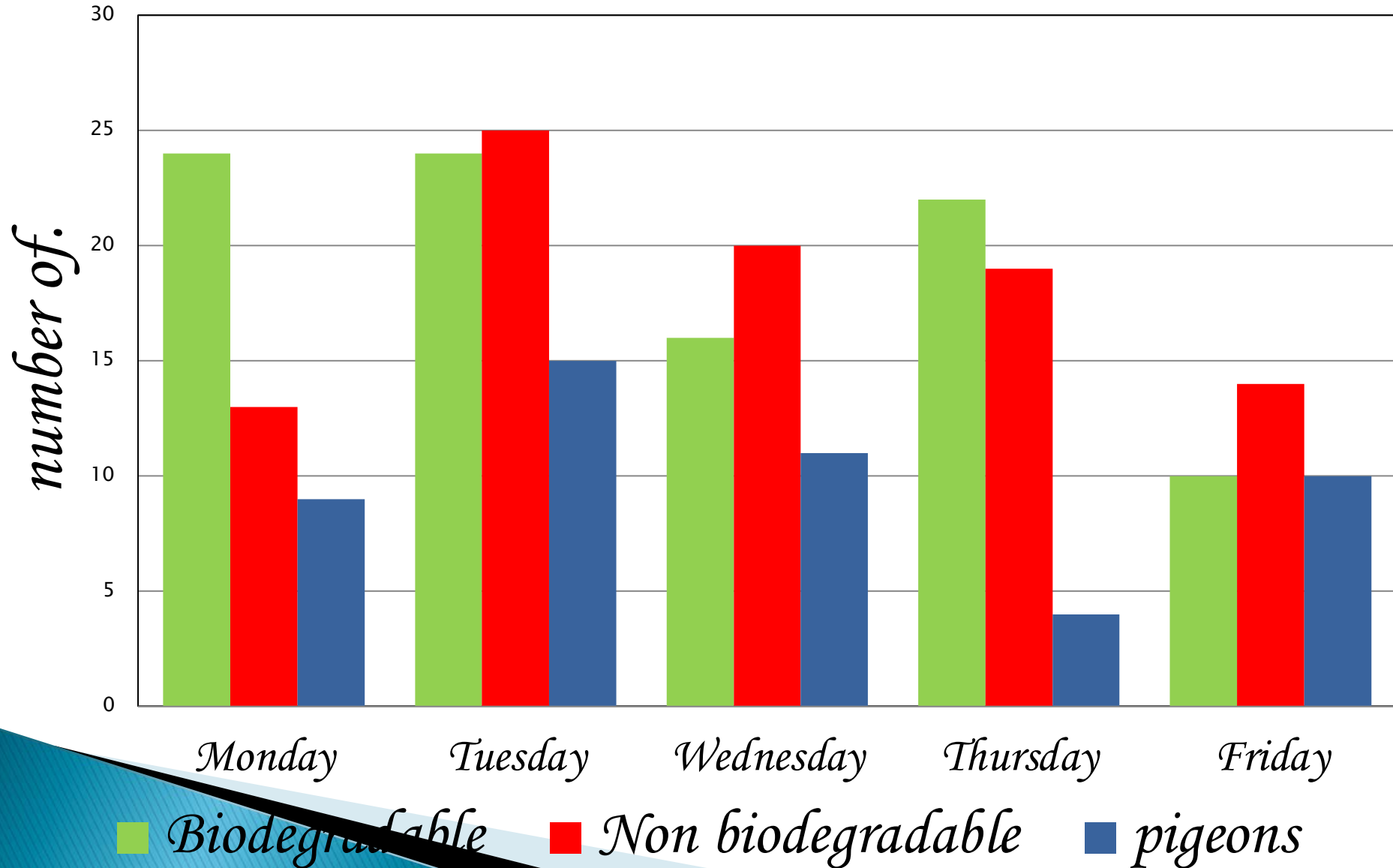
Public health - pigeons carry a range of diseases, some of which may be transmitted to humans if droppings contaminate food stuffs. They also carry mites which can cause skin disease and dust from their feathers can cause respiratory problems.

Damage - pigeon droppings are not only unsightly but are acidic and can cause damage to buildings and machinery. Nesting material, droppings and feathers can block gutters and air vents.

Accidents - pigeon dropping and food left down for pigeons can cause walkways to become slippery and dangerous.

Startled flocks can take flight suddenly, causing hazards to motorists and pedestrians.

*A graph to show the relationship between the amount of biodegradable and non biodegradable litter and pigeon count after lunch break*

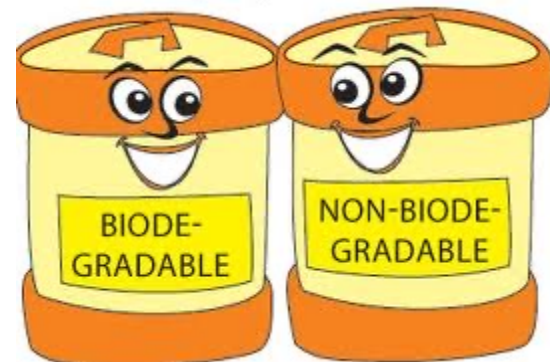




# Investigation

Aim:

Which is better at preserving bread  
biodegradable or non biodegradable  
litter?



## Independent Variable:

-The type of plastic.

## Dependant Variable:

-The number of days the bread stays fresh without the visible signs of mould.

## Control Variable:

-The amount of bread/plastic.

Same conditions.



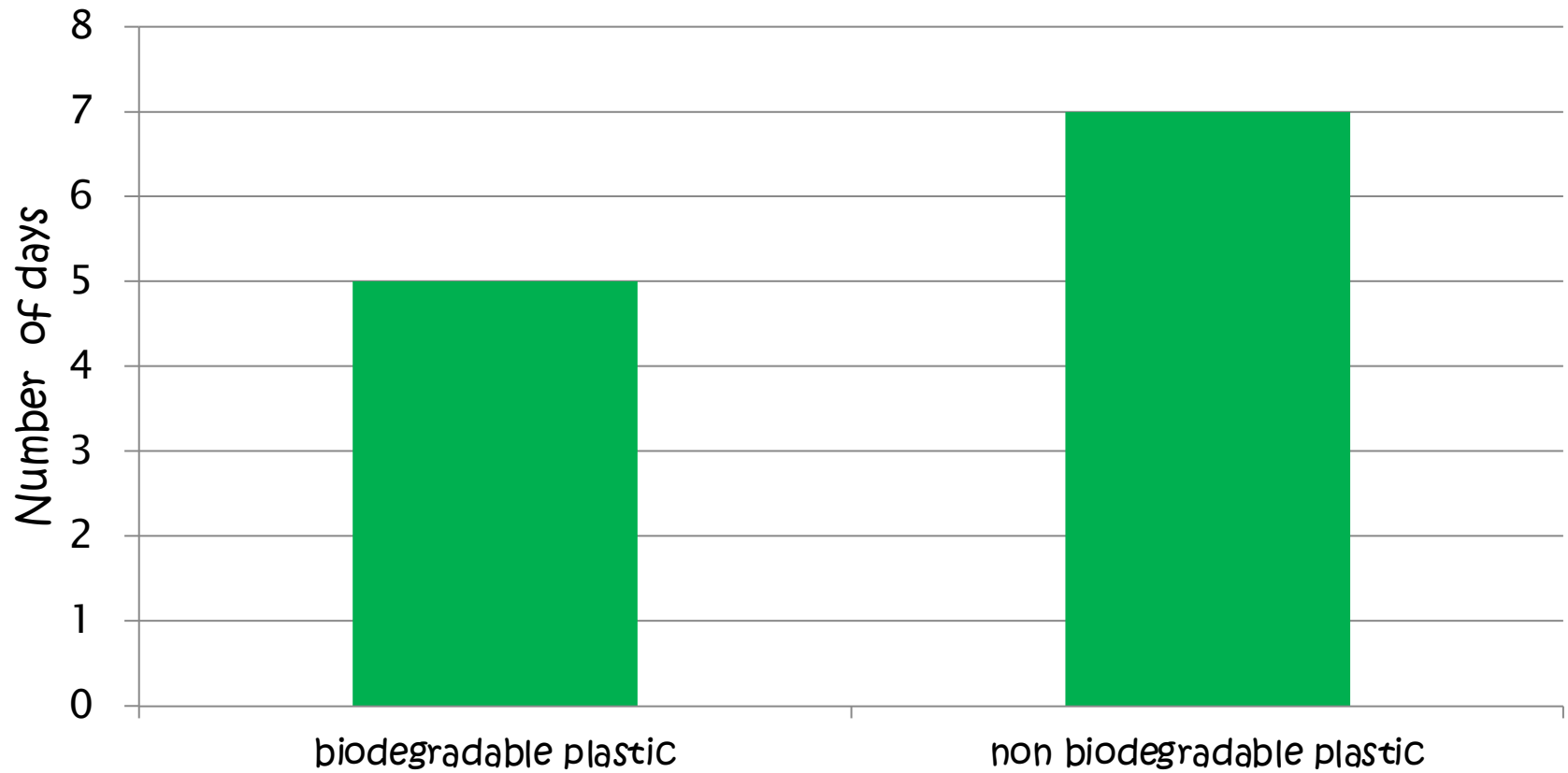
# METHOD

1. *After making biodegradable plastic we used it to cover bread a 3x3cm slice of bread. We repeated this with the non biodegradable plastic (sandwich bag).*
2. *-We left both in the corner of our lab bench and observed any changes daily.*

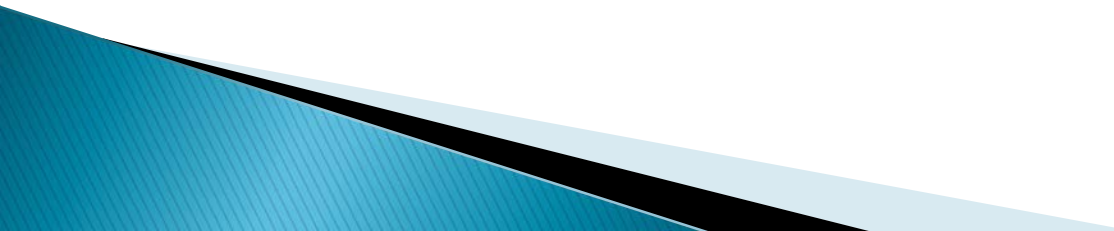


# Class Results

Number of days bread stayed fresh in the different wraps.



# Conclusion

- ▶ The non biodegradable plastic was better able to keep the bread fresh.
  - ▶ However there was only a difference of two days between the two.
  - ▶ Biodegradable plastic is better for the environment and so maybe we could package smaller portions of food when using biodegradable plastic, so as to prevent food wastage.
  - ▶ If less food goes off then maybe people will throw away less food to the pigeons and therefore less pigeons will be attracted.
  - ▶ Less pigeons will mean less pigeon related problems.
  - ▶ In the mean time while companies develop such packaging we should try and reduce as much of the litter as possible.
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# Thank you

And remember don't sin and put it into the  
bin..... 😊