**Population Growth**

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**Cats**

If you left two adult, intact cats together, you could estimate the following growth pattern (*assuming none of the animals die*):

- Year 1: *20 cats*
- Year 2: *200 cats*
- Year 3: *2,000 cats*
- Year 4: *20,000 cats*

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**Dogs**

If you left two adult, intact dogs together, you could estimate the following growth pattern (*assuming none of the animals die*):

- Year 1: *18 dogs*
- Year 2: *162 dogs*
- Year 3: *1,458 dogs*
- Year 4: *13,122 dogs*

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**The Veterinary Black Bag Program**

**Project Goals:**

- Develop Veterinarian’s Black Bags (VBBs) of instructional items and pamphlets for middle school teachers to support classroom visits by local veterinarians.
- Provide professional development for veterinarians and teachers on how to use items in the VBBs.
- Promote inquiry-based thinking about health-related subjects while emphasizing the value of biomedical research and promoting careers in science.

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**Neutering**

**Veterinarian’s Presentation**

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**The instruction in this module includes:**

- Presentation on *Neutering*
- Follow-up lessons on:
  - *Sex Hormones*
  - *Reproductive Cancers*
  - *Castration of Farm Animals*

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**Department of Veterinary Integrative Biosciences**

**College of Veterinary Medicine & Biomedical Sciences**

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MS#4458

http://peer.tamu.edu/VBB/Summary.asp
Why Neuter Your Animal?

- Prevents Disease
- Benefits Behaviour
- Prevents Over-Population

U.S. Pet Statistics

- An estimated 52 million dogs and 57 million cats live with U.S. families.

- For every human born, 7 puppies and kittens are born.

- More than 12 million dogs and cats are euthanized in shelters each year. Millions more are abandoned in rural and urban areas.

- As many as 25% of dogs entering shelters each year are purebreds.

- Approximately 61% of all dogs entering shelters are killed.

- Approximately 75% of all cats entering shelters are killed.

- It costs approximately $100 to capture, house, feed, and eventually kill each stray animal -- a cost which you, the taxpayer, eventually pay.

Myths and Facts

**MYTH:** It’s better to have one litter first.

**FACT:** Medical evidence indicates just the opposite. In fact, the evidence shows that females spayed before their first heat are typically healthier and have the lowest cancer risk.

**MYTH:** But my pet is a purebred.

**FACT:** So is at least one out of every four pets brought to animal shelters around the country. There are just too many dogs and cats—mixed breed and purebred.

**MYTH:** It’s too expensive to have my pet spayed or neutered.

**FACT:** It’s a very small price to pay for the health of your pet and the prevention of the births of more unwanted pets. Also consider the cost of having a litter and ensuring the health of the mother and litter; two months of pregnancy and another two months until the litter is weaned can add up to significant veterinary bills.

“Ha ha ha, Biff. Guess what? After we go to the drugstore and the post office, I’m going to the vet’s to get tutored.”

http://www.bereaanimalrescue.com/images/neuter_tutor.jpg