

## Mastery Series: Naming Microbes

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1. What does this little saying refer to? Kids Prefer Candy Over Fried Green Spinach
2. Bacteria are always named by referring to which two of their classifications?
3. Explain the basis of the following names:
  - *Escherichia coli*
  - *Staphylococcus aureus*
  - *Streptococcus pyogenes*
  - *Bacillus cereus*
  - *Saccharomyces cerevisiae* (and which kingdom)?
  - *Candida albicans* (and which kingdom)?

## Mastery Series ANSWERS: Naming Microbes

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1. What does this refer to? Kids Prefer Candy Over Fried Green Spinach

Kingdom

Phylum

Class

Order

Family

Genus

species

2. Bacteria are always named by referring to which two of their classifications?

**Genus and species**

3. Explain the following names:

- *Escherichia coli*: **named for German discoverer; found in the colon**
- *Staphylococcus aureus* **clusters of spheres golden in color**
- *Streptococcus pyogenes* **chains of spheres pus-forming**
- *Bacillus cereus* **rod found commonly on cereal grains**
- *Saccharomyces cerevisiae* (and which kingdom)? **Sugar mold beer; fungi**
- *Candida albicans* (and which kingdom)? **Bright white; fungi**