

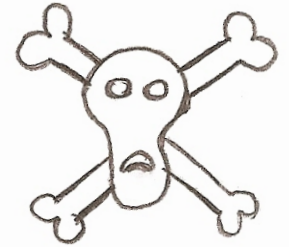
# Inspector Tox

**Investigator of toxic events and other harmful stuff**



Photo: Anthony Schatz, Ph.D. courtesy of Diane Hardej, Ph.D.

# Important Notes



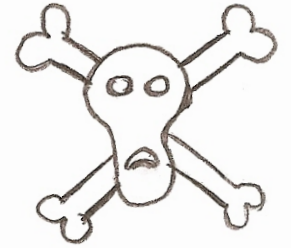
- What exactly does toxic mean?

— \_\_\_\_\_

- How can I tell if something is toxic?

— \_\_\_\_\_

# Important Notes



- Paracelsus. Who is he and what did he say?

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— \_\_\_\_\_

— \_\_\_\_\_

— \_\_\_\_\_

— \_\_\_\_\_

# Important Notes

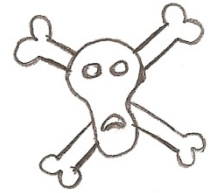
- What did the ancient man see as harmful?

— \_\_\_\_\_

- What does modern man see as harmful?

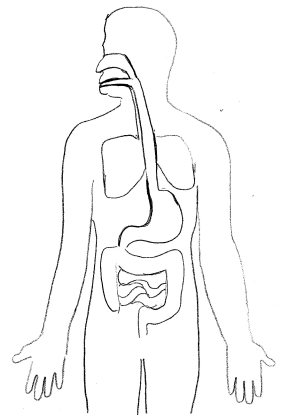
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# Important Notes



- What are the main ways that toxic substances enter our bodies?

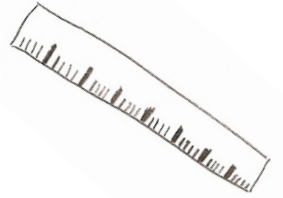
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_



- What determines how toxic something is?

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

# Important Notes



- How do I measure if something is harmful?  
Can this be predicted?

— \_\_\_\_\_

- Are there government agencies that help regulate toxic substances?

— \_\_\_\_\_

— \_\_\_\_\_

# Case # 1

## Inside the House



- I think these things are harmful!

These things were not toxic or I'm not sure:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Case # 2

## Out in the Backyard



- I think these things are harmful!

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

These things were not toxic or I'm not sure:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_



# Case # 3

## A Day at the Beach



- I think these things are harmful!

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

These things were not toxic or I'm not sure:

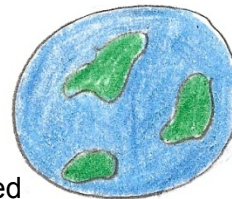
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# End Notes

- Remember to **THINK** about the things you do!



- How do they affect **YOU**?
- How do they affect the **PEOPLE**, **PLANTS** and **ANIMALS** around you?
- How do they affect our **HOME**?
  - Not just the house we live in but the whole **EARTH!**



# Thank you and be SAFE!

Brought to you by the  
Mid-Atlantic Society of Toxicology (MASOT) Education and Outreach Committee

Questions ? Please contact us at:

[masotc@gmail.com](mailto:masotc@gmail.com)

Interested in learning more? Check out these cool links:

<http://www.toxicology.org/> (click on “Kids” for more links)

<http://www.webmd.com/health-ehome-9/default.htm>

<http://toxmystery.nlm.nih.gov/>

- <http://www.nyc.gov/html/doh/html/ehs/ehs.shtml>

## Poison Control

- <http://nyc.gov/html/doh/html/poison/poison-fs1.shtml>
- <http://nyc.gov/html/doh/html/poison/poison.shtml>