

Do **YOU** have trouble  
taking notes?

Are your notes  
**DISORGANIZED**  
and useless?

Try using . . .

Phylum	Arthropods
subphylum	Chelicerata
Chelicerata	2 parts: → prosoma (first pair of appendages) and opisthoma (used for feeding)
examples	scorpions, spiders, mites, ticks
Prosoma	sensory, feeding, and locomotor tagma
Opisthoma	
Chelicerae	<ul style="list-style-type: none"> <li>• pincerlike or chelate</li> <li>• used for feeding</li> <li>• first pair of appendages</li> </ul>
Pedipalps	<ul style="list-style-type: none"> <li>• second pair of appendage</li> <li>• used for sensory purposes</li> </ul>
	used for locomotion reproduction

Phylum arthropods is made up of subphylum chelicerata. Subphylum chelicerata is characterized by two parts called prosoma and opisthoma. The prosoma and cephalothorax are sensory, feeding, and locomotor tagma. The chelicerae is the first appendage and refers to the pincerlike

The pedipalps are the 2nd pair of appendages, and they are used for sensory purposes: feeding, locomotion, and reproduction.

Name  
Date  
Per.

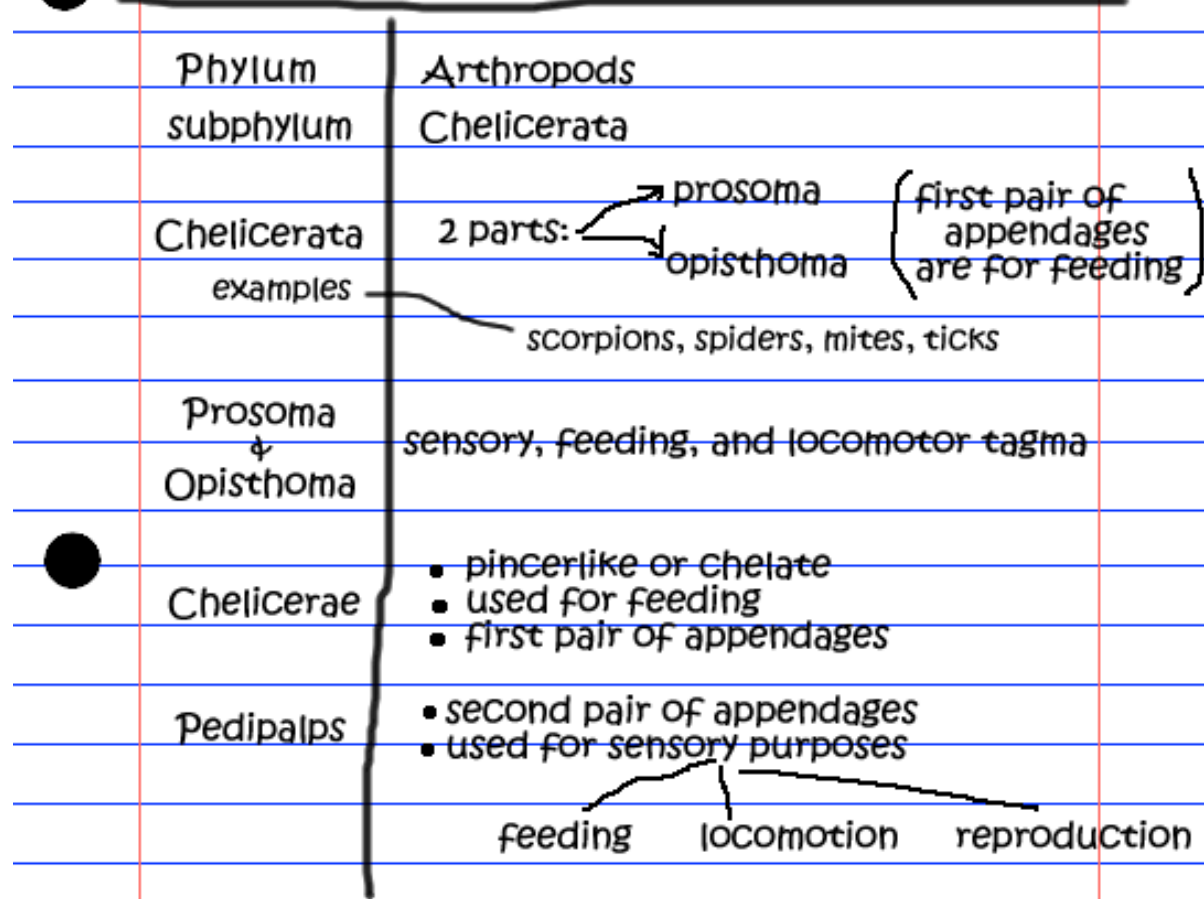
# Title

Key Ideas

Details

Summary

John Q. Student  
Biology 101  
April 1, 2000



Phylum arthropods is made up of subphylum chelicerata.

Subphylum chelicerata is characterized by two parts

called prosoma and opisthoma. The prosoma and cephalo-

thorax are sensory, feeding, and locomotor tagma. The

chelicerae is the first appendage and refers to the pincerlike

The pedipalps are the 2nd pair of appendages, and they are

used for sensory purposes: feeding, locomotion, and

reproduction.



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### [Morquio syndrome](#)

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov)

**Morquio syndrome** is an inherited disease of metabolism in which the body is missing or doesn't have enough of a substance needed to break down long chains of sugar molecules called glycosaminoglycans (formerly called ...

[Causes](#) - [Symptoms](#) - [Tests](#) - [Treatment](#) - [Prognosis](#) - [Complications](#) - [Prevention](#)

### [Morquio syndrome - Wikipedia, the free encyclopedia](#)

[en.wikipedia.org/wiki/Morquio\\_syndrome](http://en.wikipedia.org/wiki/Morquio_syndrome)

**Morquio's syndrome** (referred to as mucopolysaccharidosis IV or Morquio's) is an autosomal recessive mucopolysaccharide storage disease (see also ...

[History](#) - [Symptoms](#) - [Treatment](#) - [See also](#)

### [Morquio syndrome: MedlinePlus Medical Encyclopedia](#)

[www.nlm.nih.gov/medlineplus/ency/article/001206.htm](http://www.nlm.nih.gov/medlineplus/ency/article/001206.htm)

**Morquio syndrome** is an inherited disease of metabolism in which the body is missing or doesn't have enough of a substance needed to break down long chains ...

### [Morquio Syndrome - rare-diseases — National Organization for ...](#)

[www.rarediseases.org](http://www.rarediseases.org) › [Rare Disease Information](#)

**Morquio syndrome** (mucopolysaccharidosis type IV; MPS IV) is a mucopolysaccharide storage disease that exists in two forms (**Morquio syndromes A** and B) ...

### [Morquio Syndrome](#)

[children.webmd.com/morquio-syndrome](http://children.webmd.com/morquio-syndrome)

May 16, 2012 – Important It is possible that the main title of the report **Morquio Syndrome** is not the name you expected. Please check the synonyms listing to ...

### [Genetics of Mucopolysaccharidosis Type IV](#)

[emedicine.medscape.com/article/947254-overview](http://emedicine.medscape.com/article/947254-overview)

Mar 22, 2012 – **Morquio syndrome** (mucopolysaccharidosis type IV) is a member of a group of ... In 1976, the enzyme deficiency in **Morquio syndrome** type IVA ...

### [www.morquio.org](#)

[www.morquio.org/](http://www.morquio.org/)

Thank you for visiting our **Morquio Syndrome** fundraising and awareness site. As parents of a child diagnosed with **Morquio Syndrome**, we have made it our ...

### [Definition of Morquio syndrome - MedTerms.com](#)

[www.medterms.com/script/main/art.asp?articlekey=11632](http://www.medterms.com/script/main/art.asp?articlekey=11632)

Apr 27, 2011 – **Morquio syndrome**: An inherited error in carbohydrate metabolism that results in mucopolysaccharide accumulation and severe skeletal defects ...

Name

Date

Period

## **SURF Inquiry - Cornell Notes**

**TITLE:** Freak the Mighty

**AUTHOR:** Rodman Philbrick

**TOPIC:** Morquio Syndrome

### **RATIONALE:**

In the story, Freak the Mighty, one of the protagonists, Kevin, has Morquio's Syndrome. This causes him to look different from others, hence giving him the nickname, Freak.

I want to find out if Morquio's Syndrome is real, and if what happens in the book happens in real life to people with this syndrome..



# SURF Inquiry - Cornell Notes

**TITLE:**

**AUTHOR:**

**TOPIC:**

**RATIONALE:** (why you picked it and how it is related to the book)



**CONCLUSION:** (what you found and what you think about the topic now)



Source: PubMed Health

<http://www.ncbi.nlm.nih.gov/>

Name

Date

Per.

## Morquio Syndrome

Key Ideas

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Summary

