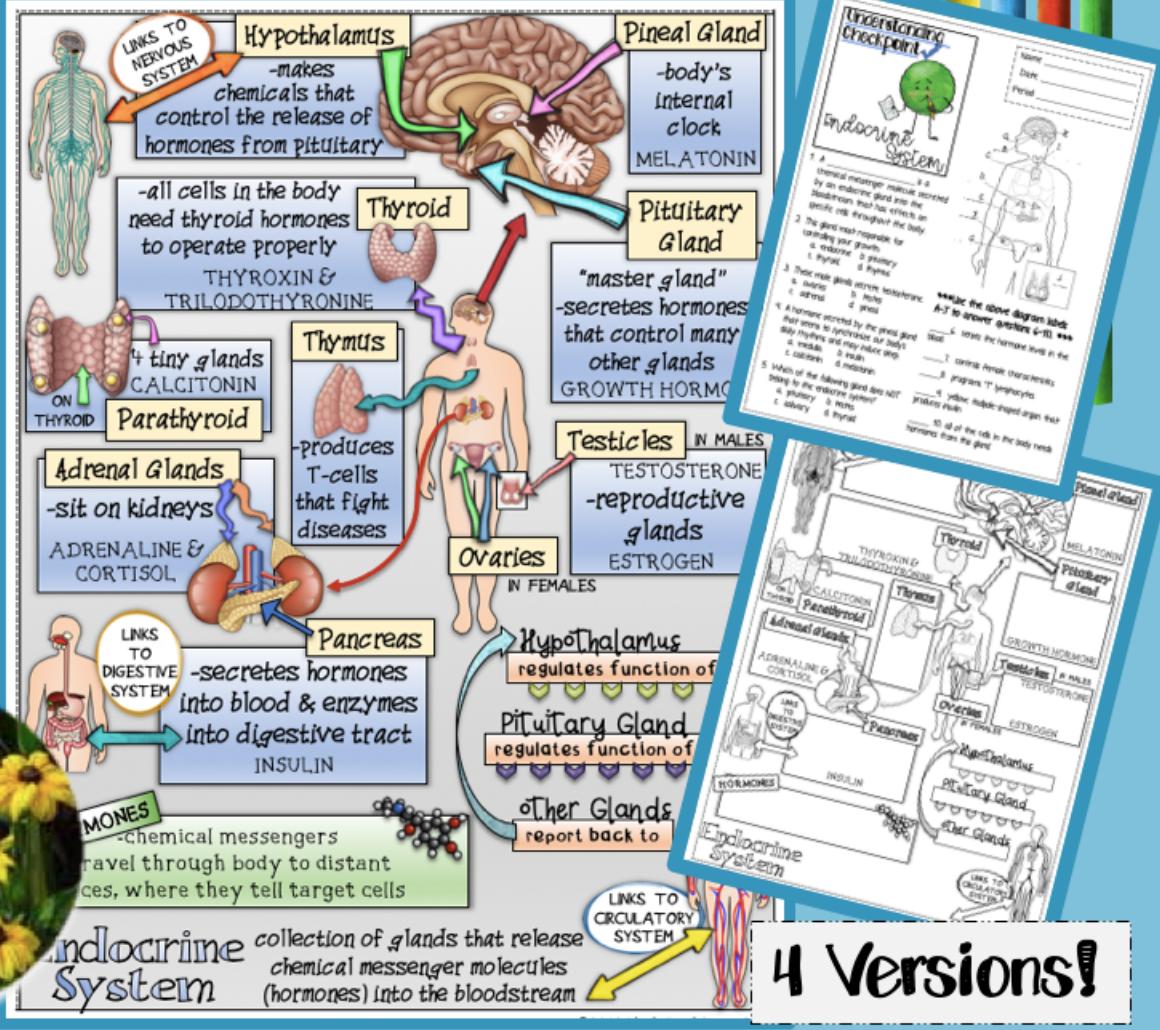


# Black-Eyed Susan Science

NGSS  
Aligned

# Squiggle Sheets

## Endocrine System



4 Versions!

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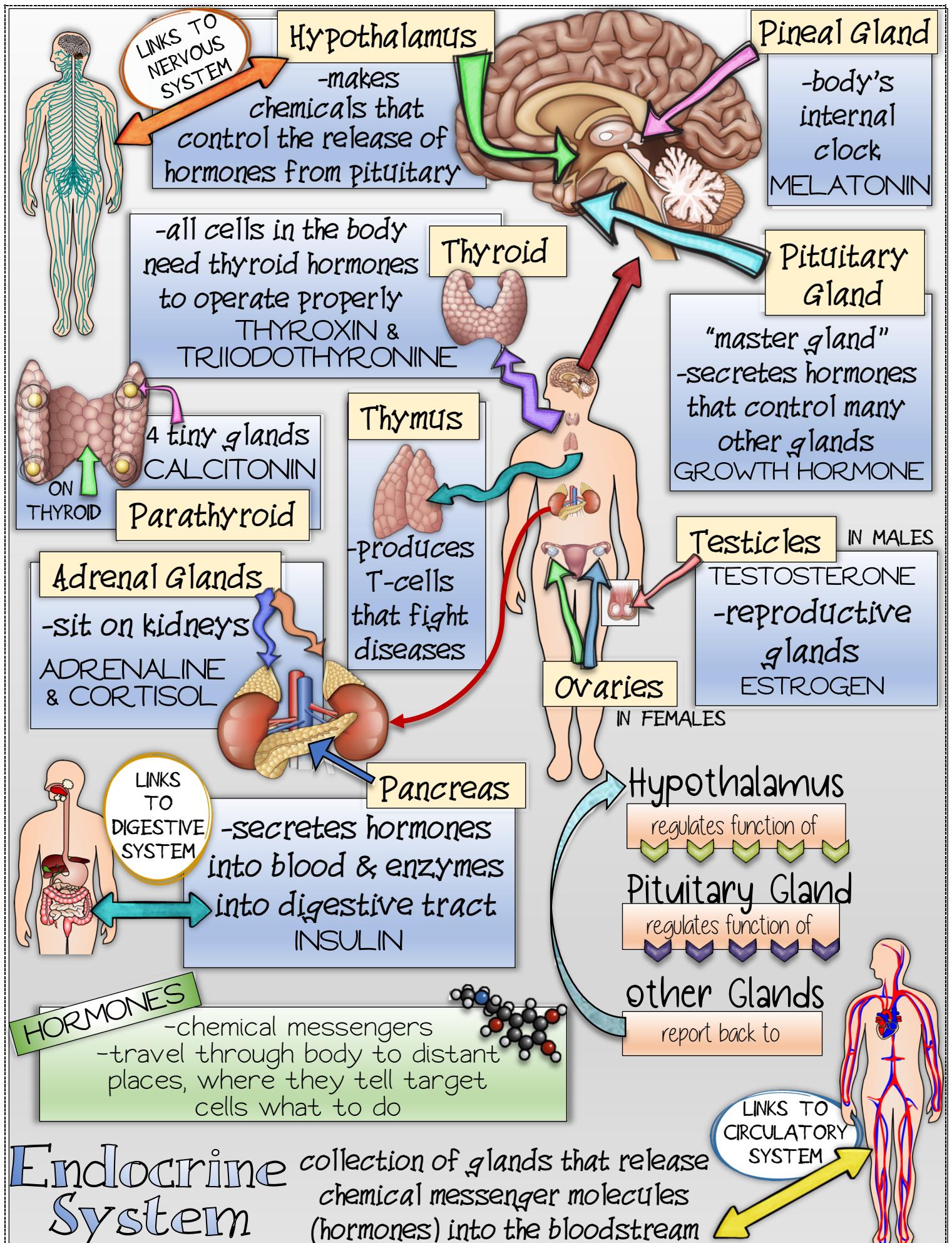
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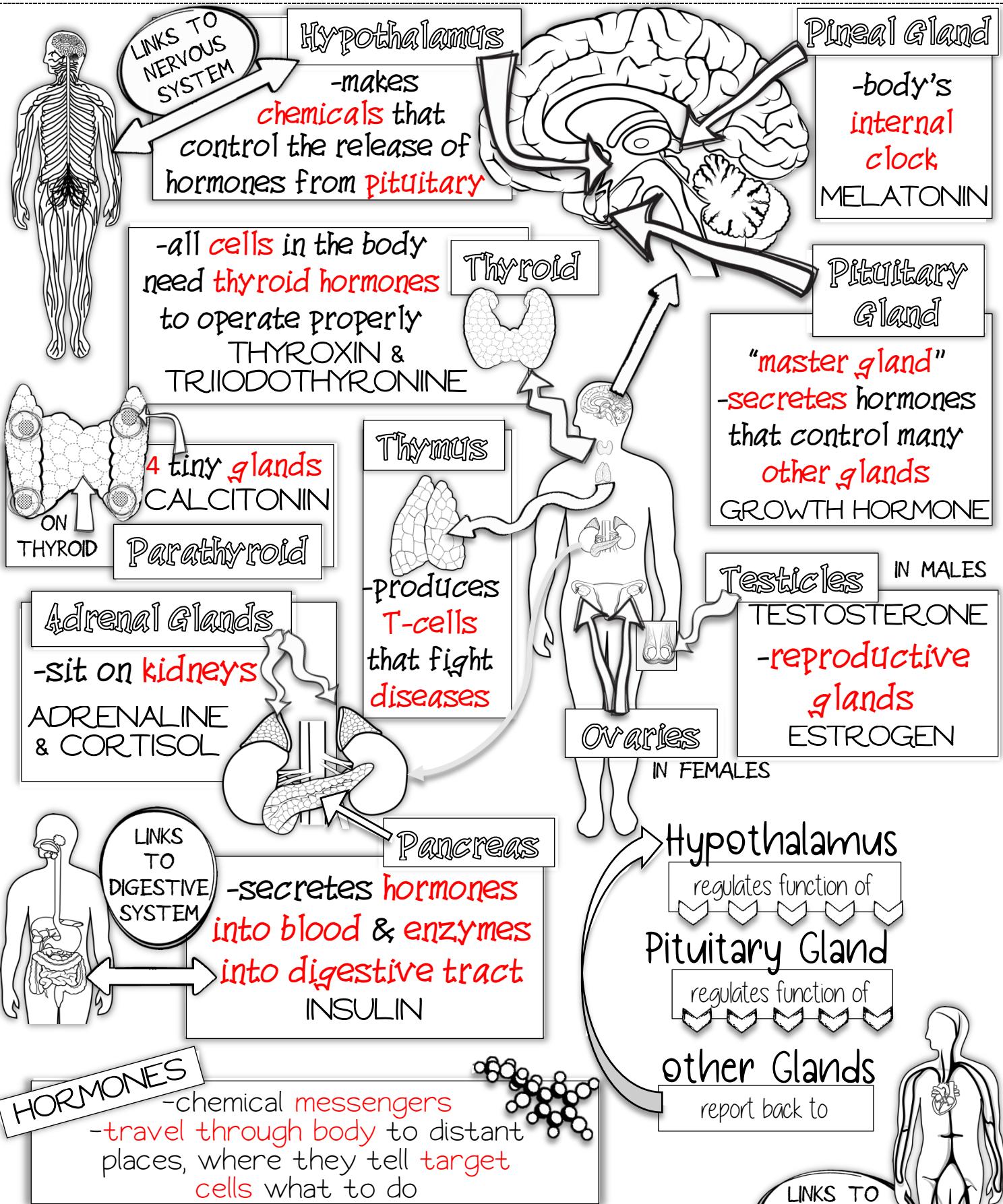
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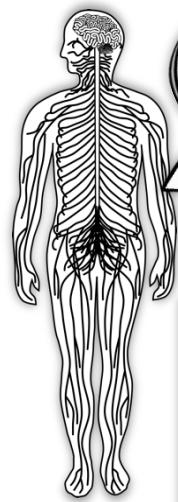
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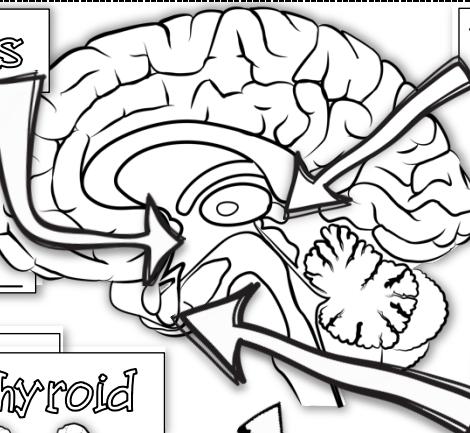
**Endocrine System** collection of **glands** that release chemical messenger molecules (**hormones**) into the bloodstream



LINKS TO  
NERVOUS  
SYSTEM

### Hypothalamus

-makes \_\_\_\_\_ that control the release of hormones from \_\_\_\_\_



### Pineal Gland

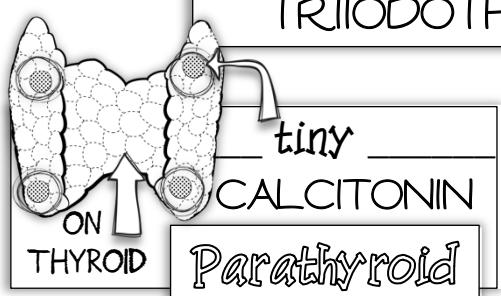
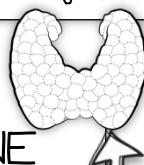
-body's \_\_\_\_\_

MELATONIN

-all \_\_\_\_\_ in the body need \_\_\_\_\_

to operate properly  
THYROXIN &  
TRIIODOTHYRONINE

### Thyroid



tiny \_\_\_\_\_

ON THYROID CALCITONIN

### Parathyroid

### Thymus

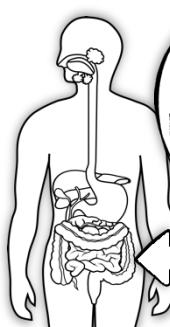
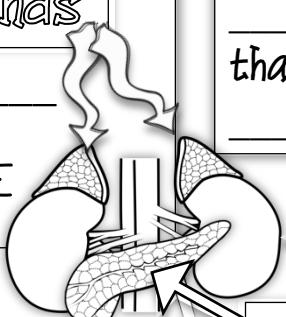


-produces \_\_\_\_\_  
that fight \_\_\_\_\_

### Adrenal Glands

-sit on \_\_\_\_\_

ADRENALINE & CORTISOL



LINKS  
TO  
DIGESTIVE  
SYSTEM

-secretes \_\_\_\_\_

### Pancreas

& \_\_\_\_\_

INSULIN

HORMONES

-chemical \_\_\_\_\_  
- \_\_\_\_\_ to distant  
places, where they tell \_\_\_\_\_  
what to do



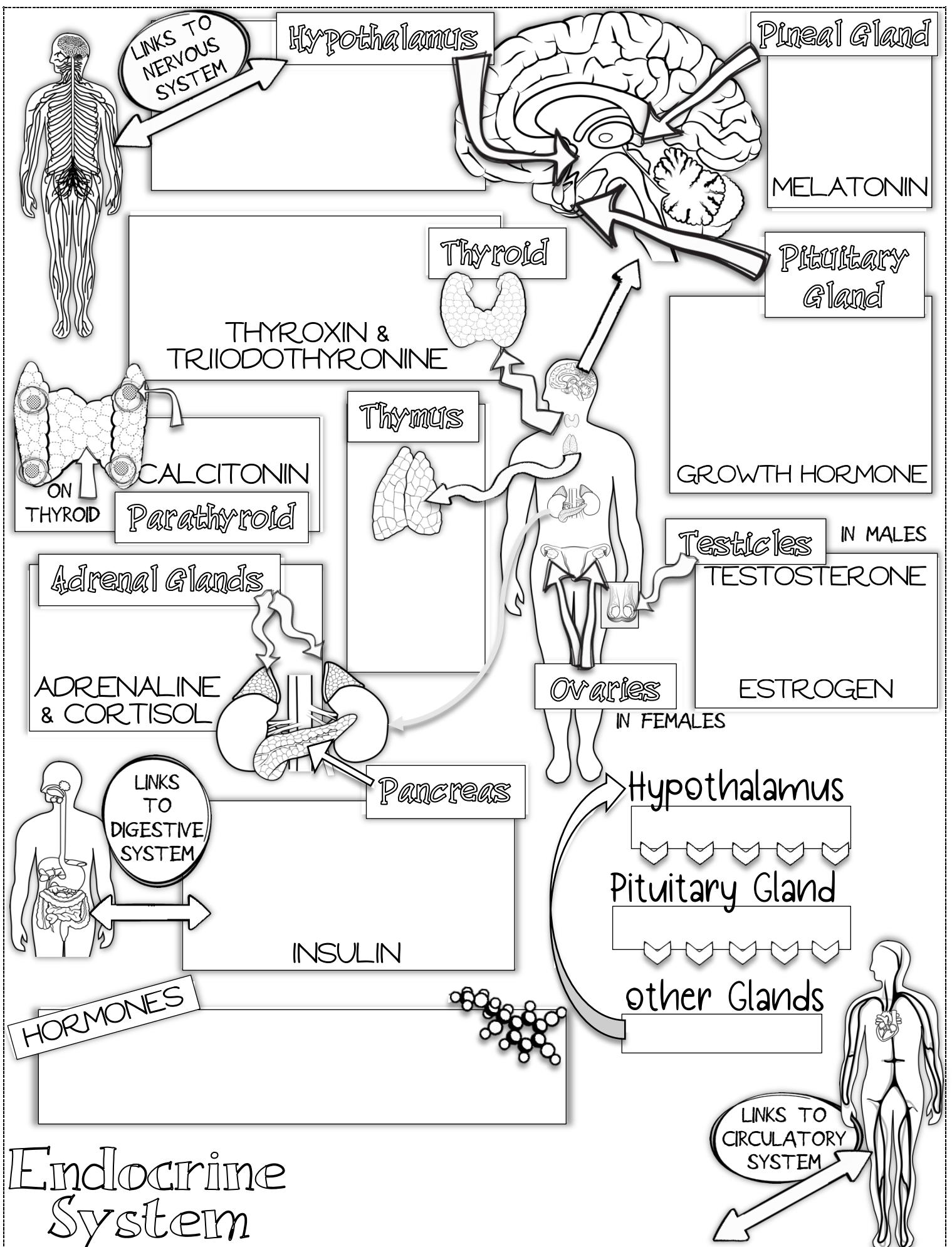
### Hypothalamus

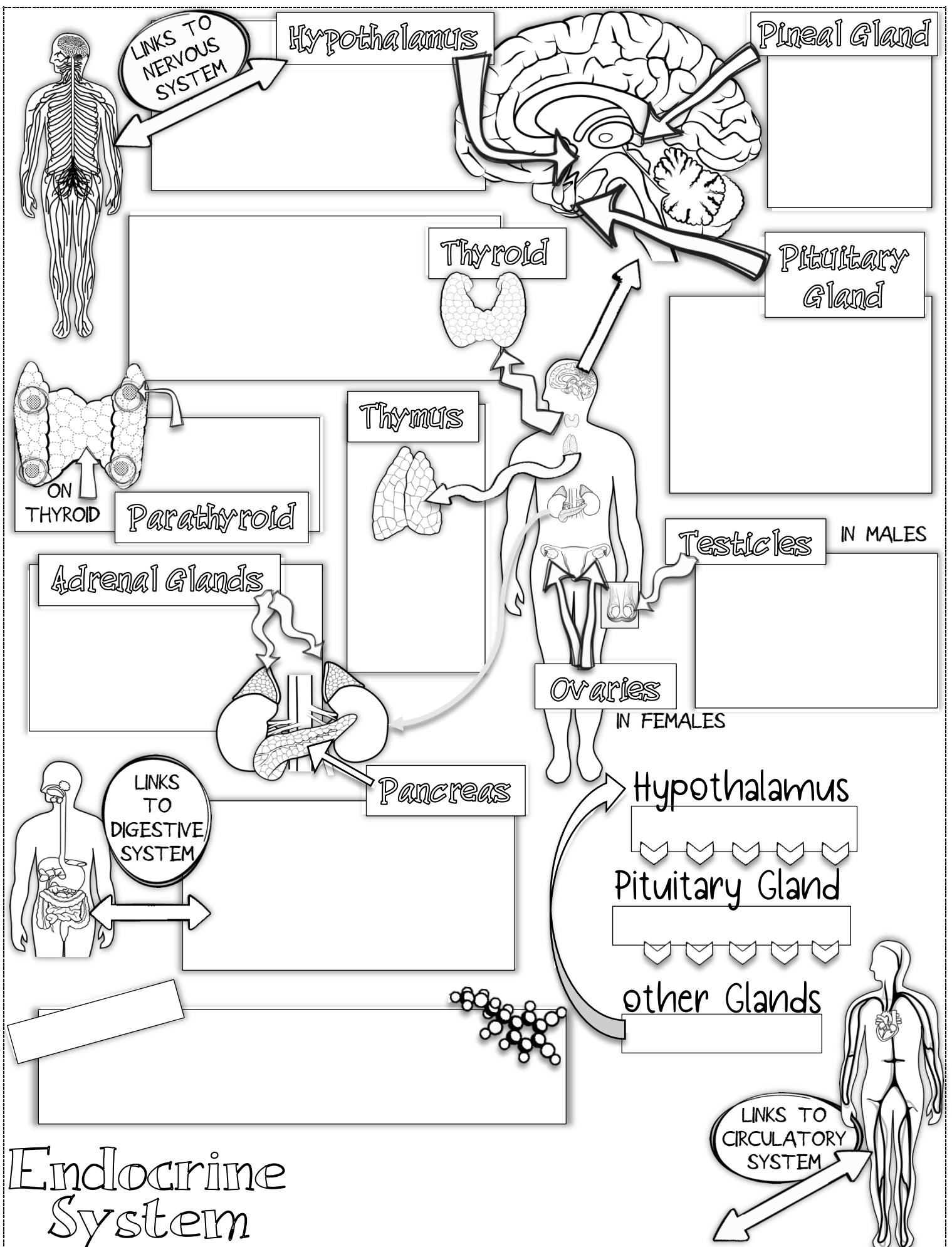
### Pituitary Gland

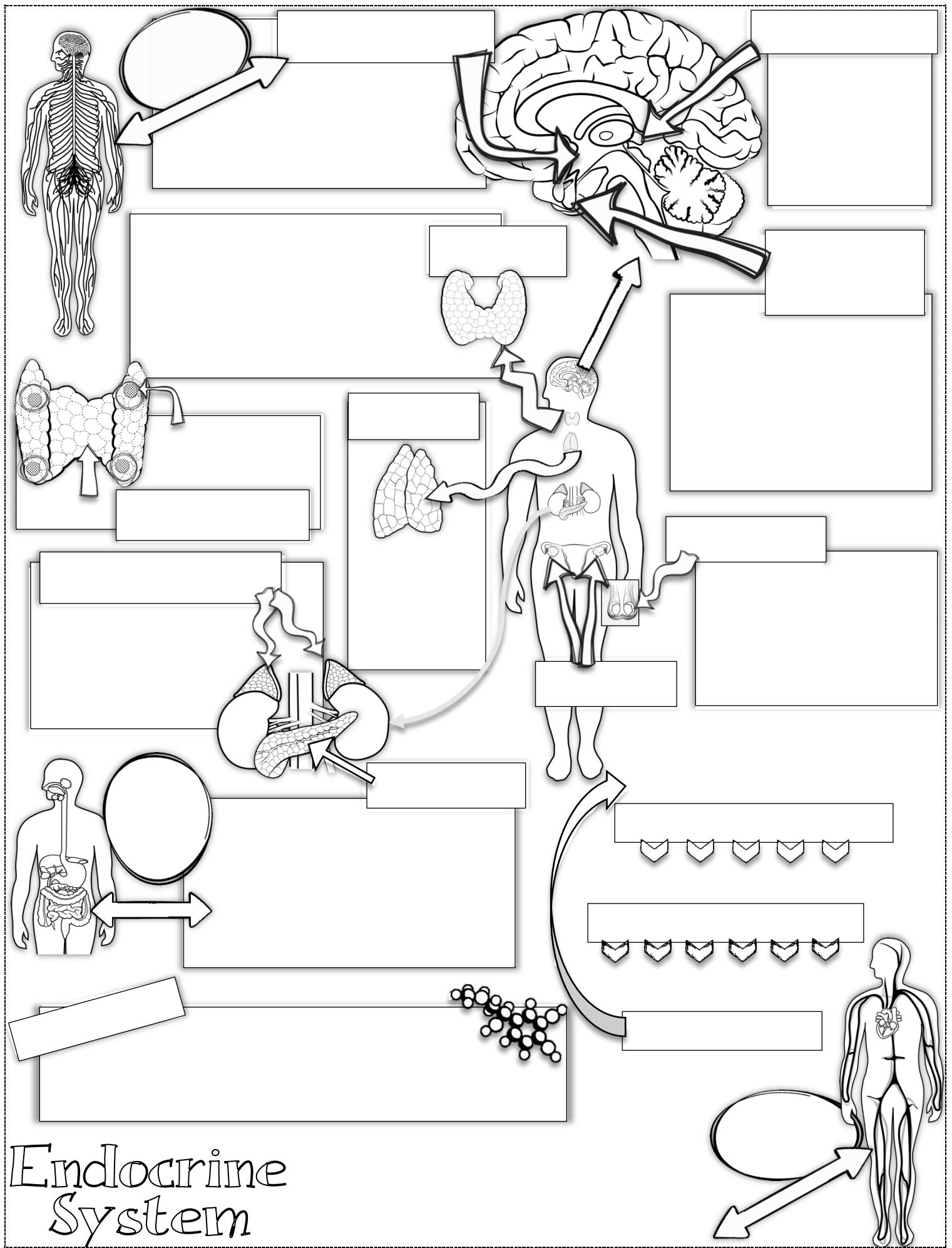
### other Glands

LINKS TO  
CIRCULATORY  
SYSTEM

Endocrine collection of \_\_\_\_\_ that release \_\_\_\_\_  
System chemical messenger \_\_\_\_\_

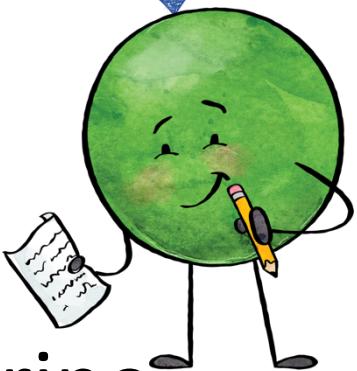






# Endocrine System

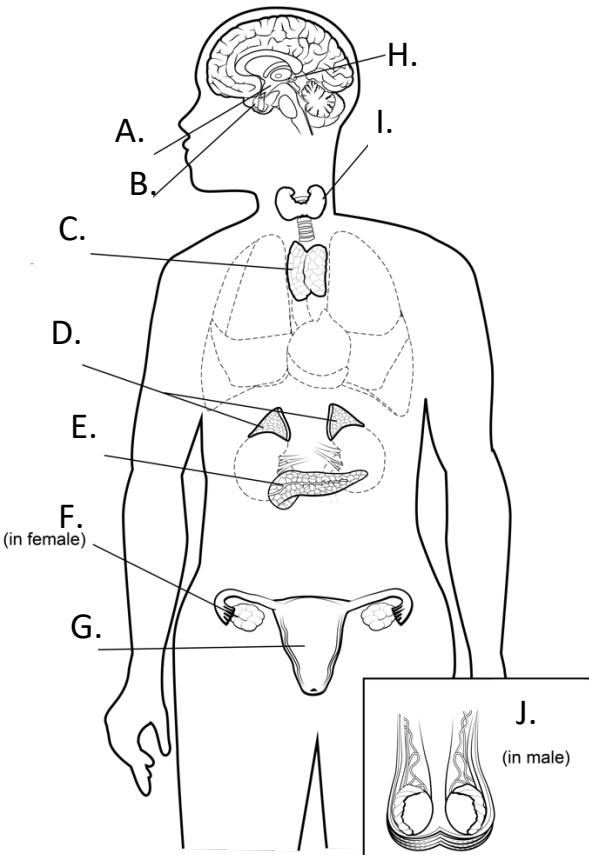
# Understanding Checkpoint



## Endocrine System

1. A \_\_\_\_\_ is a chemical messenger molecule secreted by an endocrine gland into the bloodstream that has effects on specific cells throughout the body.
2. This gland most responsible for controlling your growth.  
a. endocrine   b. pituitary  
c. thyroid.   d. thymus
3. These male glands secrete testosterone.  
a. ovaries   b. testes  
c. adrenal   d. pineal
4. A hormone secreted by the pineal gland that seems to synchronize our body's daily rhythms and may induce sleep.  
a. medulla   b. insulin  
c. calcitonin   d. melatonin
5. Which of the following gland does NOT belong to the endocrine system?  
a. pituitary   b. testes  
c. salivary   d. thyroid

Name \_\_\_\_\_  
Date \_\_\_\_\_  
Period \_\_\_\_\_



\*\*\*Use the above diagram labels A-J to answer questions 6-10. \*\*\*

6. \_\_\_\_\_ senses the hormone levels in the blood
7. \_\_\_\_\_ controls female characteristics
8. \_\_\_\_\_ programs "T" lymphocytes
9. \_\_\_\_\_ yellow, tadpole-shaped organ that produces insulin
10. \_\_\_\_\_ all of the cells in the body needs hormones from this gland

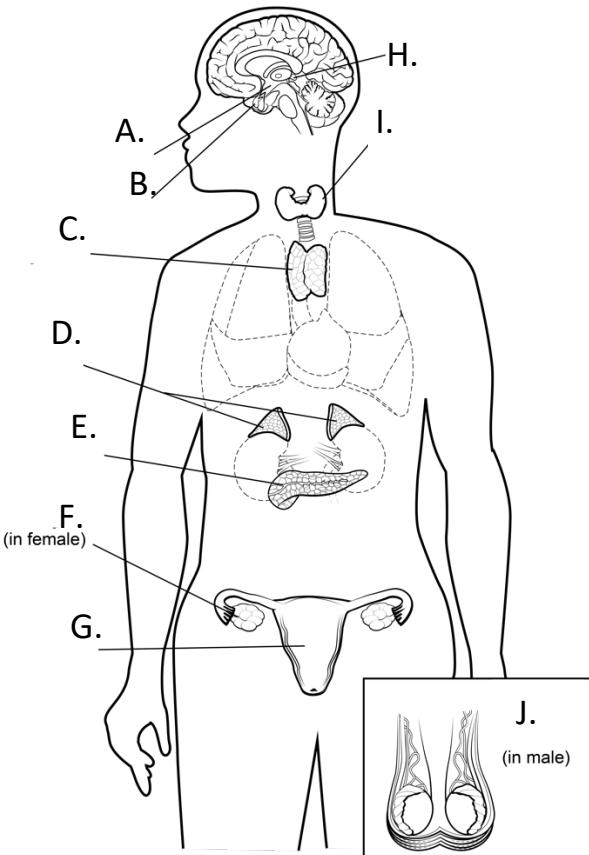
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 Period \_\_\_\_\_



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- E 9. yellow, tadpole-shaped organ that produces insulin
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