

Catalyst:

What do you already know about cellular respiration?

Analyze Results:

Communicate Results:

**23L**

Cellular Respiration Lab 11/28/16

**23R**

Catalyst:

What do you already know about cellular respiration?

Communicate Results:

**23L**

Cellular Respiration Lab 11/17/16

**Question:** How does glucose effect cellular respiration and CO<sub>2</sub> production?

**23R**

Catalyst:

What do you already know about cellular respiration?

Communicate Results:

**23L**

Cellular Respiration Lab 11/17/16

**Question:** How does glucose effect cellular respiration and CO<sub>2</sub> production?

**Prediction:**

**23R**

Catalyst:

What do you already know about cellular respiration?

Communicate Results:

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Cellular Respiration Lab 11/17/16

**Question:** How does glucose effect cellular respiration and CO<sub>2</sub> production?

**Prediction:**

**Hypothesis:** (If question, Then prediction Because explanation)

**23R**

Cellular Respiration Lab 11/17/16

Catalyst:

What do you already know about cellular respiration?

**Question:** How does glucose affect cellular respiration and CO<sub>2</sub> production?

**Prediction:**

**Hypothesis:** (If question, Then prediction Because explanation)

**Test:** everyone will use 2g yeast

Communicate Results:

glucose	Circumference (cm)
none	
2.5g	
5g	

**23L**

**23R**

Catalyst:

What do you already know about cellular respiration?

Analyze Results:

### LET'S GRAPH IT

Communicate Results:

What happened to the circumference of the balloon as the glucose increased?  
What gas was created?  
How do people use the respiratory powers of yeast?

**23L**

Cellular Respiration Lab 11/17/16

**Question:** How does glucose affect cellular respiration and CO<sub>2</sub> production?

**Prediction:**

**Hypothesis:** (If question, Then prediction Because explanation)

**Test:**

glucose	Circumference (cm)
none	
2.5g	
5g	

**23R**



Catalyst:

What do you already know about photosynthesis?

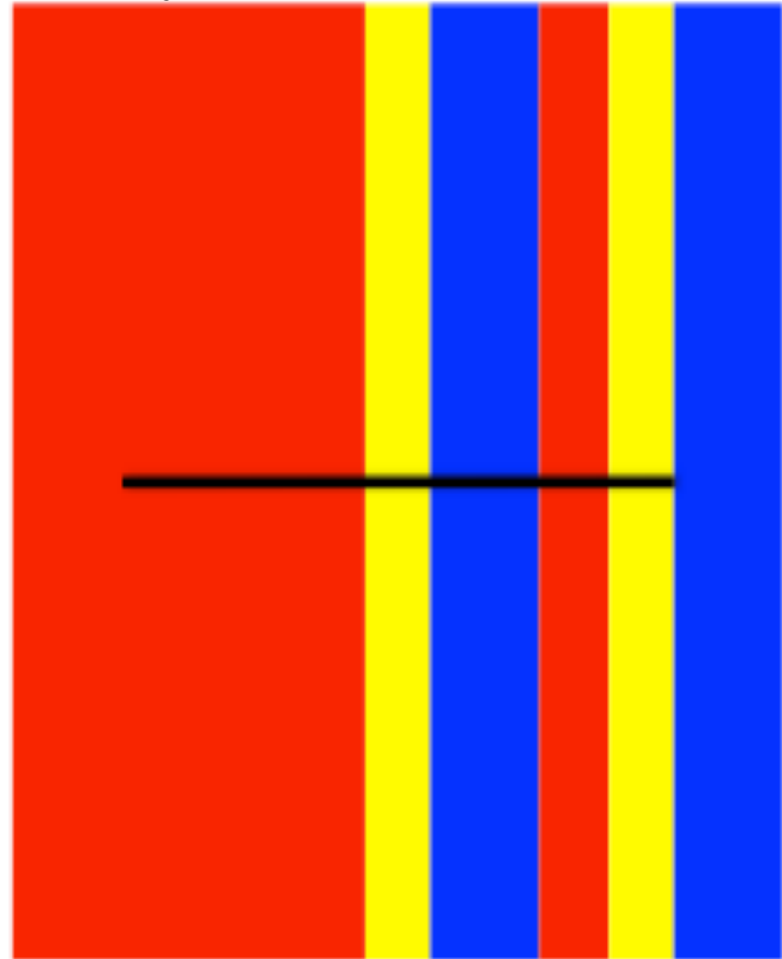
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Reflection:

**24L**

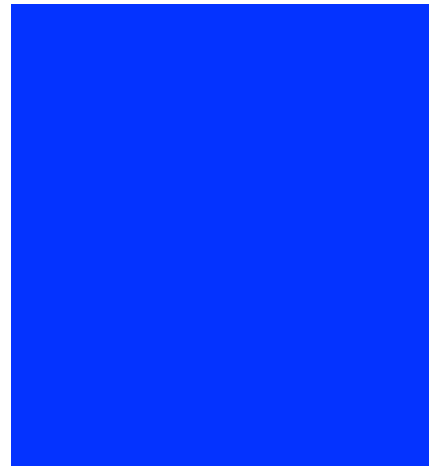
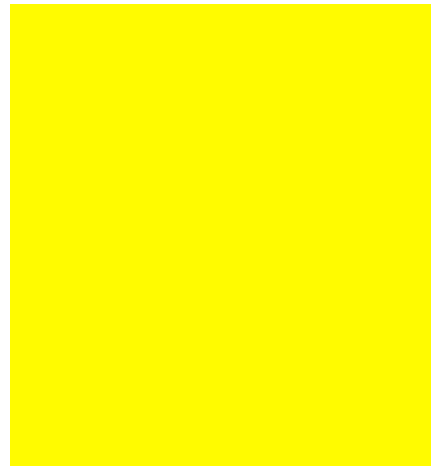
11/28/16

Cellular respiration V.S  
Photosynthesis

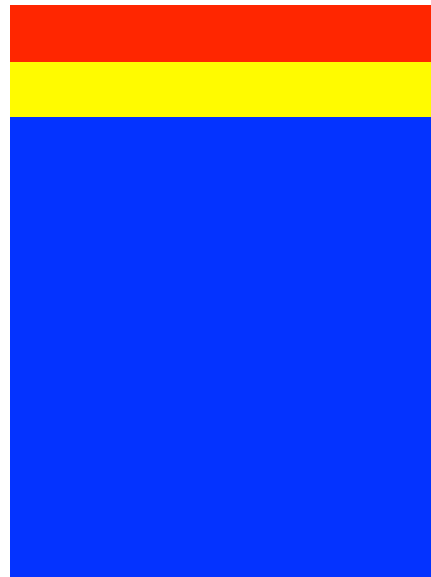


**24R**

# Create your foldable



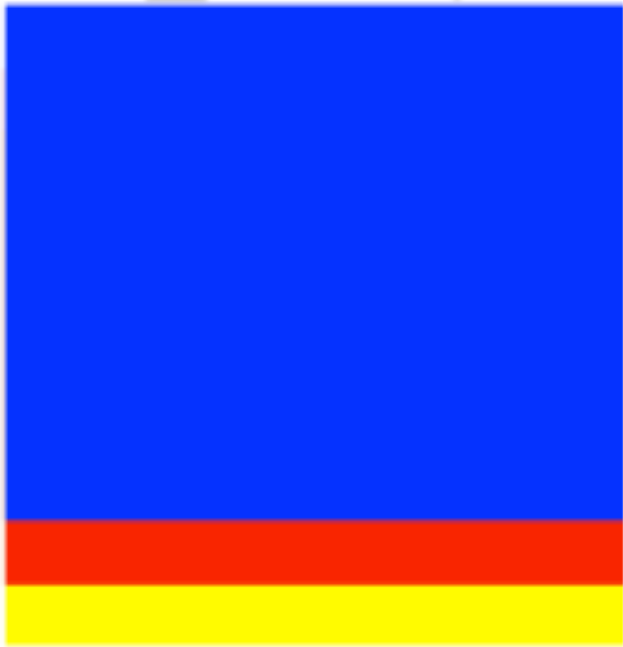
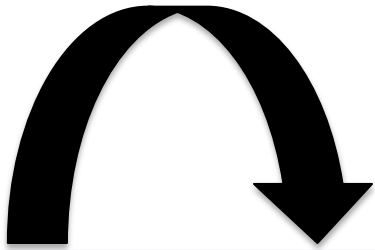
1. Take 3 pieces of paper



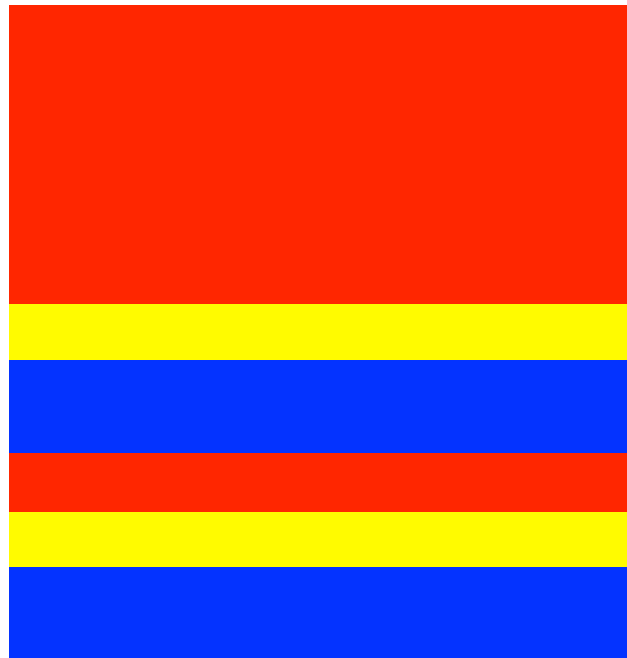
2. Lay them on top of one another so an 1" is showing of each



# Create your foldable



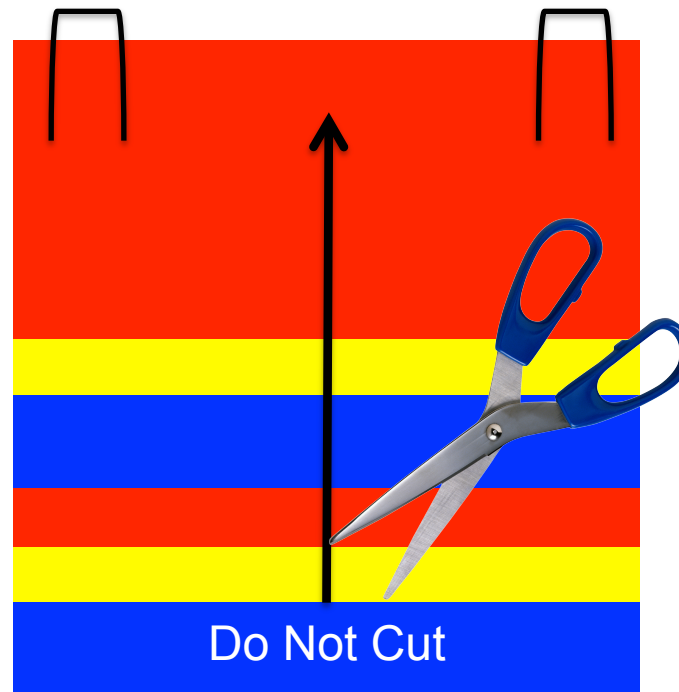
3. Fold it over so now you have 6 flaps!



# Create your foldable

**4. Cut down the middle from the bottom up EXCEPT the last piece of paper**

**Stop right before the fold at the top**



Catalyst:

What do you already know about cellular respiration?

Reflection:

24L

11/28/16

Cellular respiration V.S  
Photosynthesis

Photosynthesis	Cellular Respiration
Where it happens	Where it happens
What it needs to start	What it needs to start
What it makes	What it makes
Why is it important?	Why is it important?
Drawing of process	Drawing of process

24R

# Where does cellular respiration take place?

- Take 5 minutes to research in your team of 4
- Lift the flap of your foldable and write in your answer (everyone in your team must write it)
- All 4 must raise your hands when done

Catalyst:

What do you already know about photosynthesis?

Reflection:

Explain the laboratory experiment knowing what you now know of photosynthesis.

**24L**

11/28/16

Cellular respiration V.S  
Photosynthesis

Photosynthesis	Cellular Respiration
Where it happens	Where it happens
What it needs to start	What it needs to start
What it makes	What it makes
Why is it important?	Why is it important?
Drawing of process	Drawing of process

**24R**

# What is Photosynthesis?

- Take 5 minutes to research in your team of 4
- Lift the flap of your foldable and write in your answer (everyone in your team must write it)
- All 4 must raise your hands when done

Catalyst:

What do you already know about photosynthesis?

Reflection:

24L

11/28/16

Cellular respiration V.S  
Photosynthesis

Photosynthesis	Cellular Respiration
Where it happens	Where it happens
What it needs to start	What it needs to start
What it makes	What it makes
Why is it important?	Why is it important?
Drawing of process	Drawing of process

24R