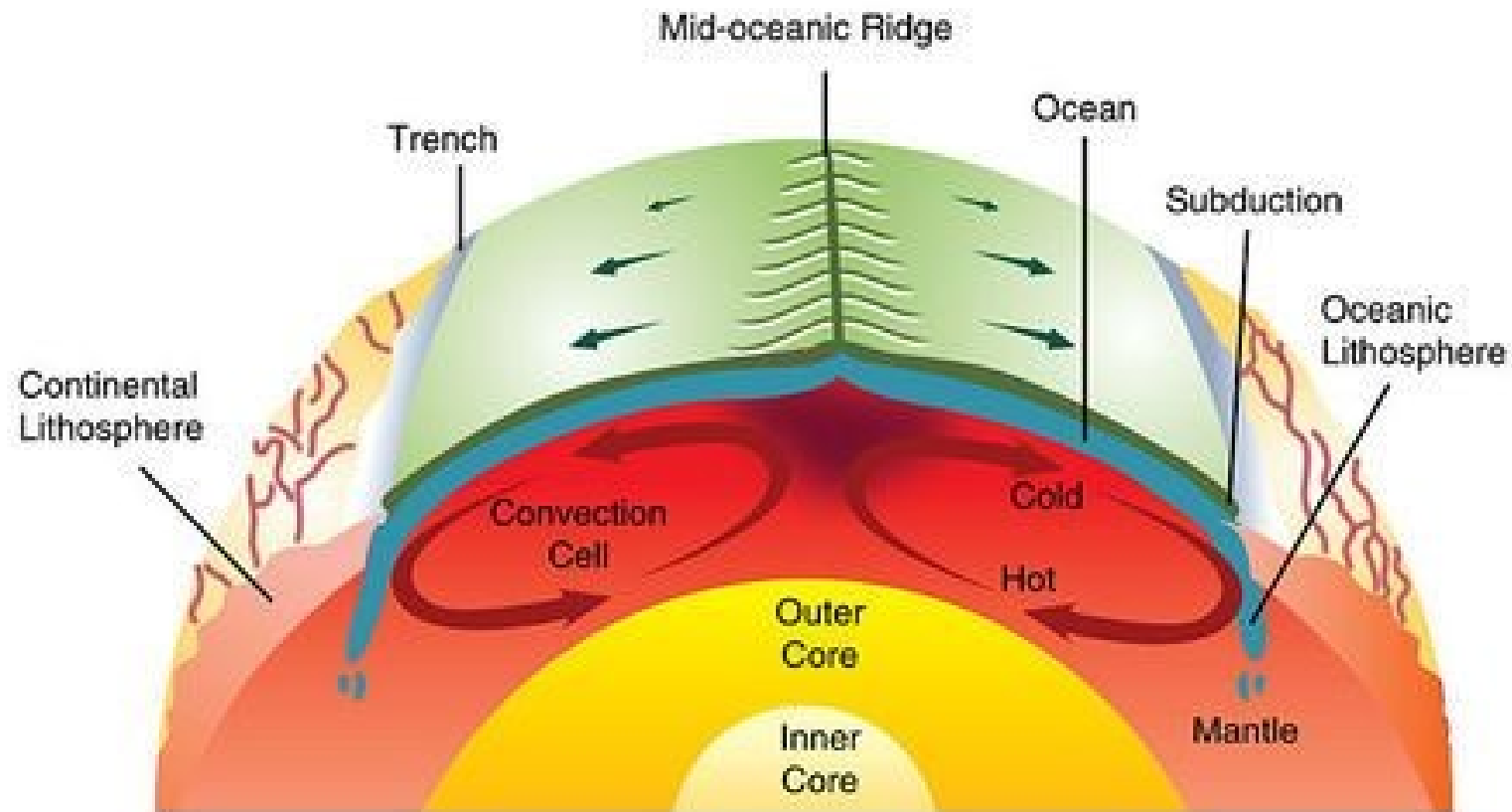


# IS2T3 Part 2 – worksheets

## Layers of the Earth



**BE ON TIME**



Wake up early enough to get ready  
Eat breakfast  
Log on a few minutes early  
Use your real name on the screen.

**BE PREPARED**



Be in a room with technology should be used  
No distractions including phones (unless you are using your phone to meet)

**MUTE YOURSELF**

Keep your mic on MUTE unless you have been called on



Use headphones if you have them

**BE PRESENTABLE**

Wear appropriate clothing  
Be sure your camera is on  
Sit up straight and be in camera view for attendance




**CHAT RESPONSIBLY**



Raise your hand to speak  
Type your question in the chat box  
Stay on topic (no side conversation)

**PARTICIPATE**

**LET'S PARTICIPATE**



Stay focused  
Ask and answer questions  
Listen and show respect to peers

# Virtual Expectations

# Monday schedule

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- **You go to all your classes!**
- You can start taking your final exam on Monday after class.
- 60 questions
- It is open notes!
- You will have to use all your packets; combustion & energy & waves/plate tectonics
- It **CANNOT** be turned in late.



# HIGH SCHOOL FINALS BELL SCHEDULE

**Monday  
12/14**

**Tuesday  
12/15**

**Wednesday  
12/16**

**Thursday  
12/17**

<b>P1 Dual Enrollment with COC 7:05 - 8:00</b>			
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8:30 - 9:05 P2	<b>8:30 – 10:25</b>	Final P2	Final P3	Final P4	
9:10 - 9:45 P3					
9:50 - 10:25 P4					

<b>Break 10:25 – 10:40</b>				
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10:45 - 11:20 P5	<b>10:45 - 12:40</b>	Final P5	Final P6	Final P7	
11:25 - 12:00 P6					
12:05 - 12:40 P7					

<b>Lunch 12:40 – 1:40</b>				
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Online Learning Flex Time	<b>1:40 - 3:30</b>	Teacher Time	Teacher Time	Teacher Time

# Holiday Movies Trivia





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- This is for **extra credit**.
- A question will be written in the chat.
- The **first person** to respond with the **correct answer** will WIN the extra credit.
- Your answer must be sent to everyone in the chat and **NOT** a “private message”.
- Once you get the extra credit you don't have to continue to participate.
- We will do a **video check** towards the end of class. You must be present for your extra credit to count.



Worksheet E

**Directions:** Four diagrams are shown in the table below. Label and describe each diagram in the space provided in order to complete the table.

Diagram	Type of boundary and motion at boundary	Diagram	Type of boundary and motion at boundary
10 	divergent	12 	convergent (subduction) volcanoes
11 	convergent (mountains)	13 	transform

**Directions:** Study the following diagram of the seafloor. Then match the letters to the statements below.



- B 1. Molten rock flows onto the seafloor and hardens as it cools.
- A 2. Hot, molten rock is forced upward toward the seafloor at a mid-ocean ridge
- D 3. New seafloor moves away from the ridge, cools, becomes denser and sinks.
- C 4. Molten rock pushes sideways in both directions as it rises, moving the mantle with it.

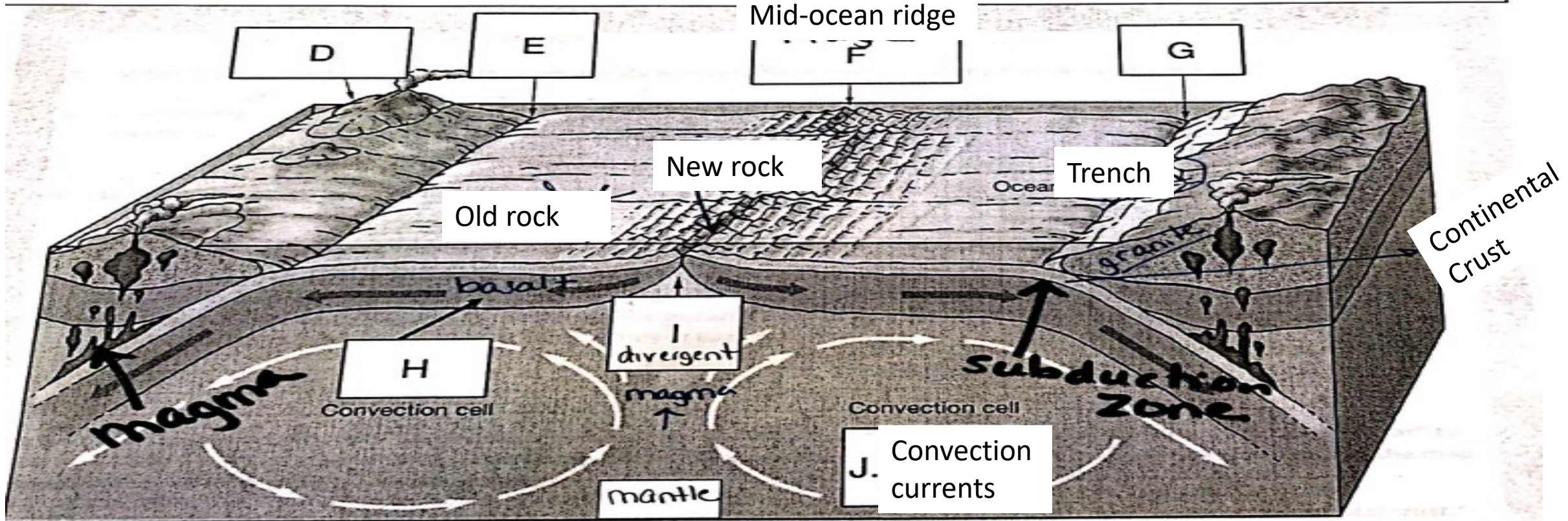
## Worksheet F

Directions: Label all the letters of the drawing & label the picture with the following words in the box.  
 Include in your drawing the following:

- Label the hot and cold of the convection cell
- Use arrows on the ocean to show how the ocean floor is spreading
- Add arrows showing movement of the tectonic plates and movement of the mantle.

Draw and label the diagram using the following words.

- |                             |   |   |
|-----------------------------|---|---|
| Basalt                      | Divergent boundary I                    | Subduction zone (labeled)                 |
| Granite                     | Convergent boundary (ocean/continent) G | Convection currents J                     |
| Oceanic crust H             | Mid-ocean ridge F                       | Mantle (labeled)                          |
| Continental crust (labeled) | Trench (labeled)                        | Magma (labeled)                           |
| Volcanic arc D              | Old rock vs. Newest rock                | Convergent boundary (ocean/ocean plate) E |





- Don't forget on Monday you go to all your classes!





# Science behind the Aurora Borealis

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- <https://youtu.be/ZVTbolyobcE>
- **We will do one last video check to make sure everyone is present.**