

# Do the Research

Let's boggle our brains

Sub : Science

Grade: IX

Date: .....

Name: .....

ID No.....

**Topic:** Cell organelles

**Directions:** Research the above topic and answer the following questions.

1. Differentiate between rough and smooth endoplasmic reticulum. How is endoplasmic reticulum important for membrane biogenesis?

---

---

---

---

---

---

2. Describe the structure and function of Golgi apparatus.

---

---

---

---

---

---

3. Why are lysosomes also known as “Scavengers of the cells”?

---

---

---

---

---

---

4. Write the site where ATP synthesis takes place in mitochondrion.

---

---

---

---

---

---

5. Define chromoplasts, chloroplasts and leucoplasts.

---

---

---

---

---

---

6. Write down the main functions of vacuoles.

---

---

---

---

---

---