

LESSON 16 • OUTLINING SKILLS (LEVEL B)

PLACING MAIN TOPICS, SUBTOPICS, AND DETAILS IN OUTLINE FORM

Textbook Pages 18–19

READING SELECTION: BEAVERS' HOMES

[Par. 1] How does a beaver build a home? First it builds a dam. After locating a good spot for it, the beaver places sticks and stones in the streambed, carefully laying the large ends of the sticks upstream. Then the sticks are held together with mud. The beaver keeps making layers of sticks and mud until the dam is high enough to flood the area. Next it builds canals. The canals go from the dam to the area where the beaver gets the logs. Now it uses the canals to float sticks and logs. Also, the canals make travel safer. Finally, the beaver is ready to build a lodge. While building the dam, the beaver lives in a den on a bank. As the water rises, a beaver is forced to dig higher and higher. Soon it is above ground. Then it begins piling mud and sticks above to make the room even higher.

[Par. 2] When it is finished, the beaver can have a room two feet high and about four feet wide. It is formed from the mud and sticks above water. Walls are plastered with mud and are airtight. There is an air hole in the top. The lodge usually has two entrances. One goes almost straight up so the beaver can get wood through it for winter. Each beaver has a bed made of grass or tiny bits of chewed-up wood. The beavers' bodies give off enough heat to keep the lodge very warm.

WORD & PHRASE BANK

16 ITEMS

- First, builds dam in selected spot
- How does a beaver build a home
- Canals used to float sticks and logs
- Makes dam high enough to flood area
- High water forces beaver to dig higher
- Finally, it builds a lodge
- How does finished home look
- Places stones, sticks, and mud in streambed
- Room can be 2' high and 4' wide above water
- Next, beaver builds canals
- Two entrances to home
- Eventually piles mud and sticks above ground
- Air hole in top
- Airtight walls plastered with mud
- Canals reach from dam to logs' source
- First home is in a bank

BEAVERS' HOMES

- I. _____
- A. _____
1. _____
2. _____
- B. _____
1. _____
2. _____
- C. _____
1. _____
2. _____
3. _____
- II. _____
- A. _____
1. _____
2. _____
- B. _____

BEAVERS' HOMES

- I. How does a beaver build a home
- A. First, it builds a dam in a selected spot
 - 1. Places stones, sticks, and mud in streambed
 - 2. Makes dam high enough to flood area
 - B. Next, it builds canals
 - 1. Canals reach from dam to logs' source
 - 2. Canals used to float sticks and logs
 - C. Finally, it builds a lodge
 - 1. First home is in a bank
 - 2. High water forces it to dig higher
 - 3. Eventually piles mud and sticks above ground
- II. How does finished home look
- A. Room can be 2' high and 4' wide above water
 - 1. Airtight walls plastered with mud
 - 2. Air hole in top
 - B. Two entrances to home

The Mental Proof & Self-Audit Checklist (Textbook Page 20 Standards)

- **Article Topic:** The entire article describes *How beavers construct their engineering works and what the finished lodge looks like*.
- **Paragraph Correspondence:** 2 Paragraphs = 2 Main Topics (I and II), each formulated as a guiding inquiry question.

- **Proof I (How a beaver builds a home):** Subtopics A, B, and C trace the chronological construction phases (First builds dam, Next builds canals, Finally builds lodge).
- **Proof I. A (Building dam):** Details 1 and 2 explain laying stones/sticks and raising the dam to flood the area.
- **Proof I. B (Building canals):** Details 1 and 2 describe reaching the timber supply and floating logs safely.
- **Proof I. C (Building lodge):** Details 1, 2, and 3 describe the progression from bank den to an elevated stick chamber.
- **Proof II (How finished home looks):** Subtopics A and B describe the interior dimensions and dual entrance design. Details 1 and 2 detail the plastered airtight walls and ventilation hole.

Scoring Rubric & Point Distribution (16 Total Points)

Tier Component	Point Allocation	Verification Criteria
Main Topics (I, II)	2 Points (1 pt each)	Roman numerals I and II aligned with plumb line; formulated as guiding inquiry questions.
Subtopics (A, B, C)	5 Points (1 pt each)	Capital letters indented 2 spaces; answering the main topic questions (Chronological & Structural).
Details (1, 2, 3)	9 Points (1 pt each)	Arabic numerals indented under subtopics; providing specific descriptive facts.
TOTAL SCORE	16 Points (1 point per correctly placed item)	