

# Energy pyramid activity

Start with 10,000 kJ at the producer level. Use the 10% rule to fill in each level, then answer the questions.

| Level                | Organism    | Energy (kJ) |
|----------------------|-------------|-------------|
| 1 Producer           | Grass       | 10,000      |
| 2 Primary consumer   | Grasshopper |             |
| 3 Secondary consumer | Frog        |             |
| 4 Tertiary consumer  | Snake       |             |
| 5 Apex               | Hawk        |             |

Why are there fewer hawks than grasshoppers?

Where does the “missing” energy go?

## Notes