

STUDENT: **Who proved that air is necessary for combustion?**

TEACHER: ⇨ Robert Boyle

STUDENT: **What English chemist showed that fire only needed nitroaereus?**

TEACHER: ⇨ John Mayow

STUDENT: **What is consumed in both combustion and respiration?**

TEACHER: ⇨ nitroaereus

STUDENT: **John Mayow died in what year?**

TEACHER: ⇨ 1679

STUDENT: **What researcher showed that air is a necessity for combustion?**

TEACHER: ⇨ Robert Boyle

STUDENT: **What did John Mayow name the part of air that caused combustion?**

TEACHER: ⇨ nitroaereus

STUDENT: **In what century did Mayow and Boyle perform their experiments?**

TEACHER: ⇨ 17th century

STUDENT: **Besides combustion, for what other action did Mayow show nitroaereus responsible?**

TEACHER: ⇨ respiration

Section:Oxygen2

Context: In the late 17th century, Robert Boyle proved that air is necessary for combustion. English chemist John Mayow (16411679) refined this work by showing that fire requires only a part of air that he called spiritus nitroaereus or just nitroaereus. In one experiment he found that placing either a mouse or a lit candle in a closed container over water caused the water to rise and replace one-fourteenth of the air's volume before extinguishing the subjects. From this he surmised that nitroaereus is consumed in both respiration and combustion. CANNOTANSWER

STUDENT: **What chemist showed that fire needed only a part of air?**

TEACHER: ↪ John Mayow

STUDENT: **What did John Mayow prove that air is necessary for?**

TEACHER: ↪ CANNOTANSWER

STUDENT: **What years was chemist John Boyle alive?**

TEACHER: ↪ CANNOTANSWER

STUDENT: **When did Robert Mayow prove his theories?**

TEACHER: ↪ CANNOTANSWER

STUDENT: **Who refined Robert Mayow's work?**

TEACHER: ↪ CANNOTANSWER

STUDENT: **What was the profession of John Boyle?**

TEACHER: ↪ CANNOTANSWER