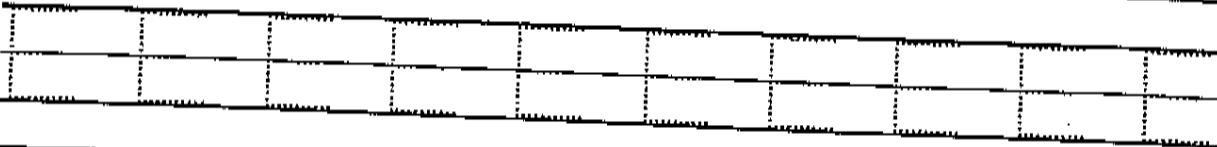
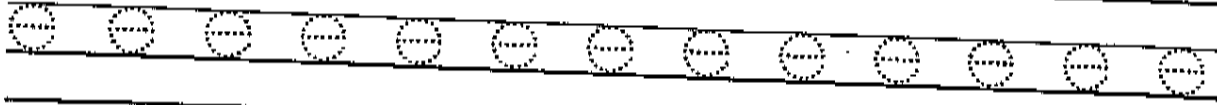
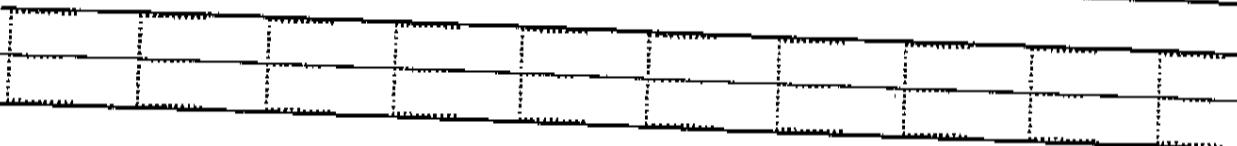
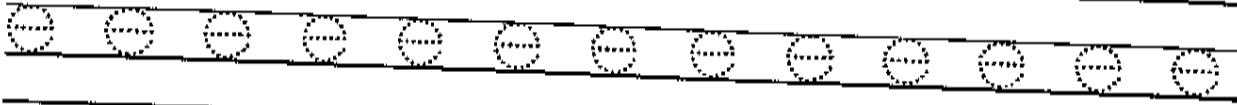
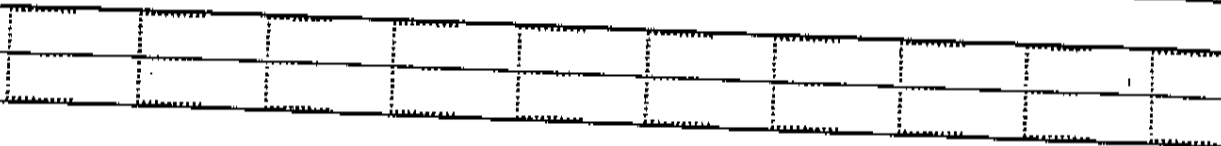
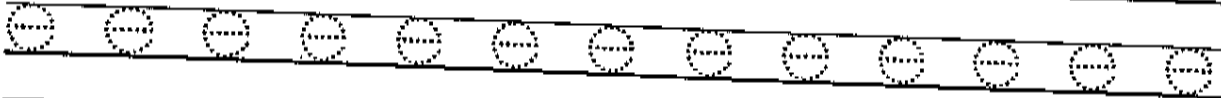


E e Engineering

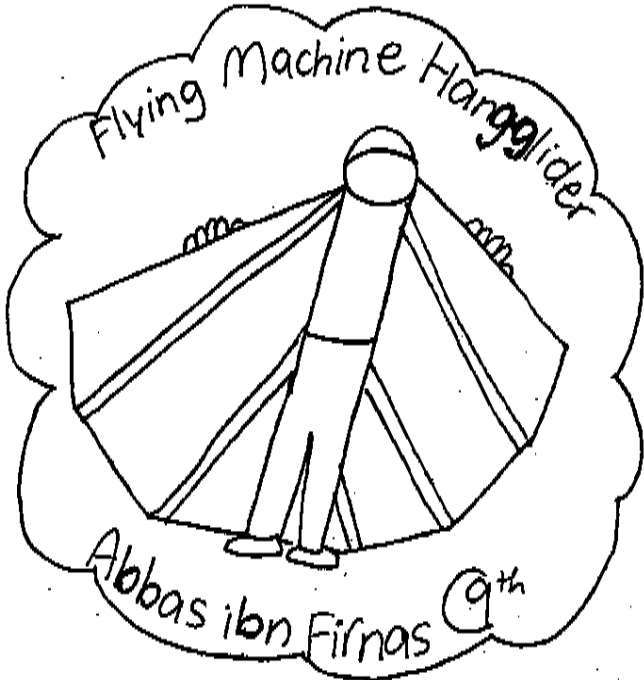
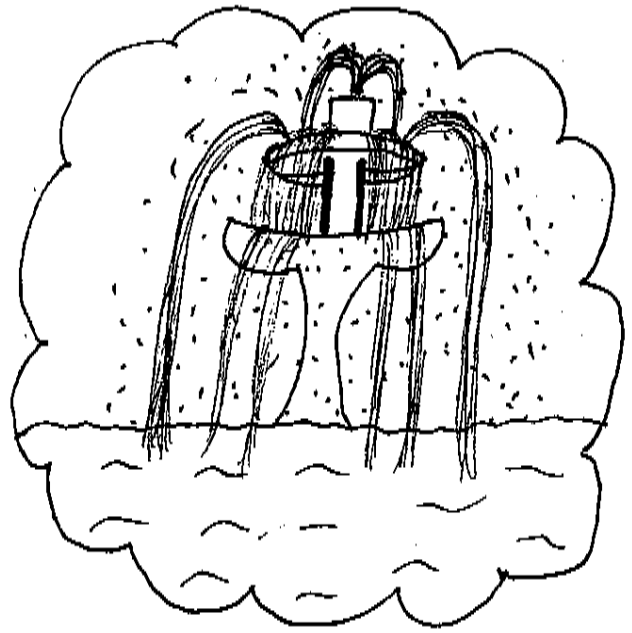


engineering engineering

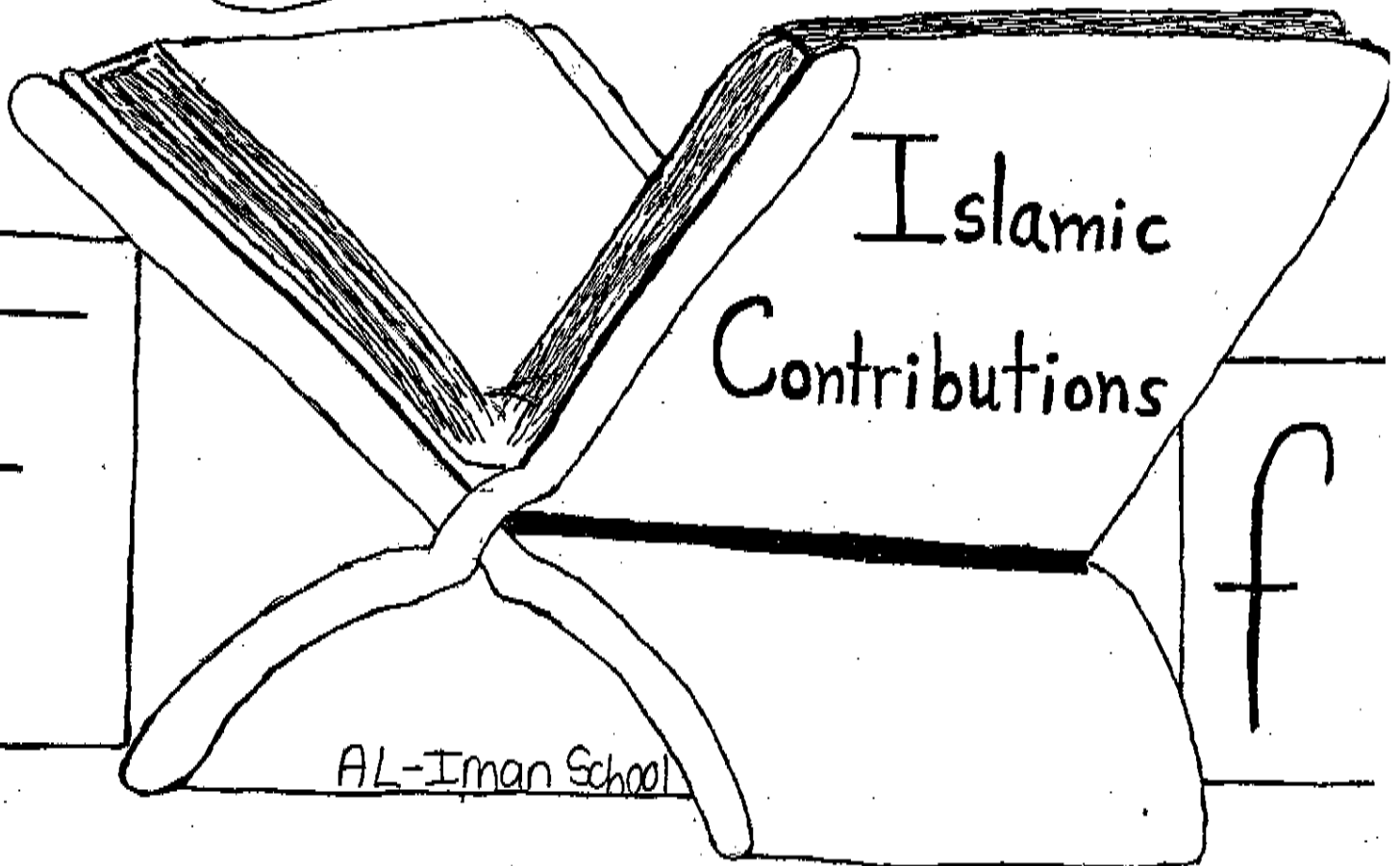


Master engineer, Al-Jazari created the crank mechanism that drive every plane, train and automobile on the planet. (1)

Flight



Fountains



F f Flying Machine

Handwriting practice lines for the letter 'F' and words 'Flying Machine', 'flight', and 'fountains'.

Line 1: Tracing practice for uppercase 'F'.

Line 2: Tracing practice for lowercase 'f'.

Line 3: Tracing practice for the word 'Flying'.

Line 4: Tracing practice for the word 'machine'.

Line 5: Tracing practice for the word 'flight'.

Line 6: Tracing practice for the word 'fountains'.

Line 7: Tracing practice for the word 'fountains'.

Line 8: Tracing practice for uppercase 'F'.

Line 9: Tracing practice for lowercase 'f'.

Line 10: Tracing practice for uppercase 'F'.

Line 11: Tracing practice for lowercase 'f'.

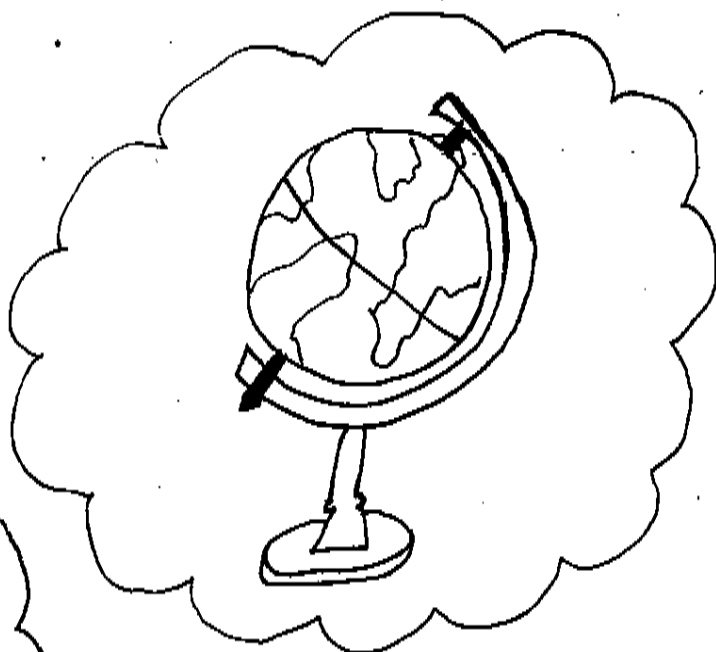
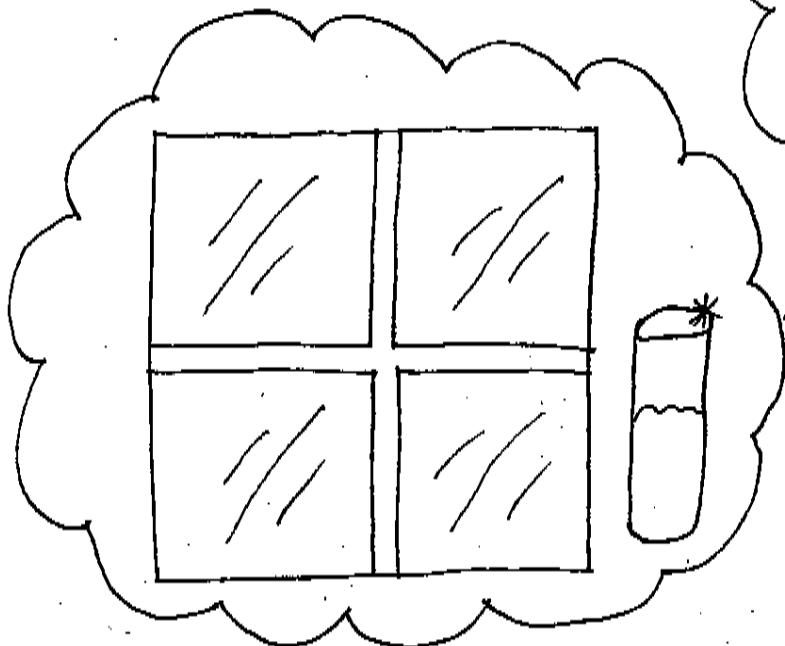
Line 12: Tracing practice for uppercase 'F'.

Line 13: Tracing practice for lowercase 'f'.

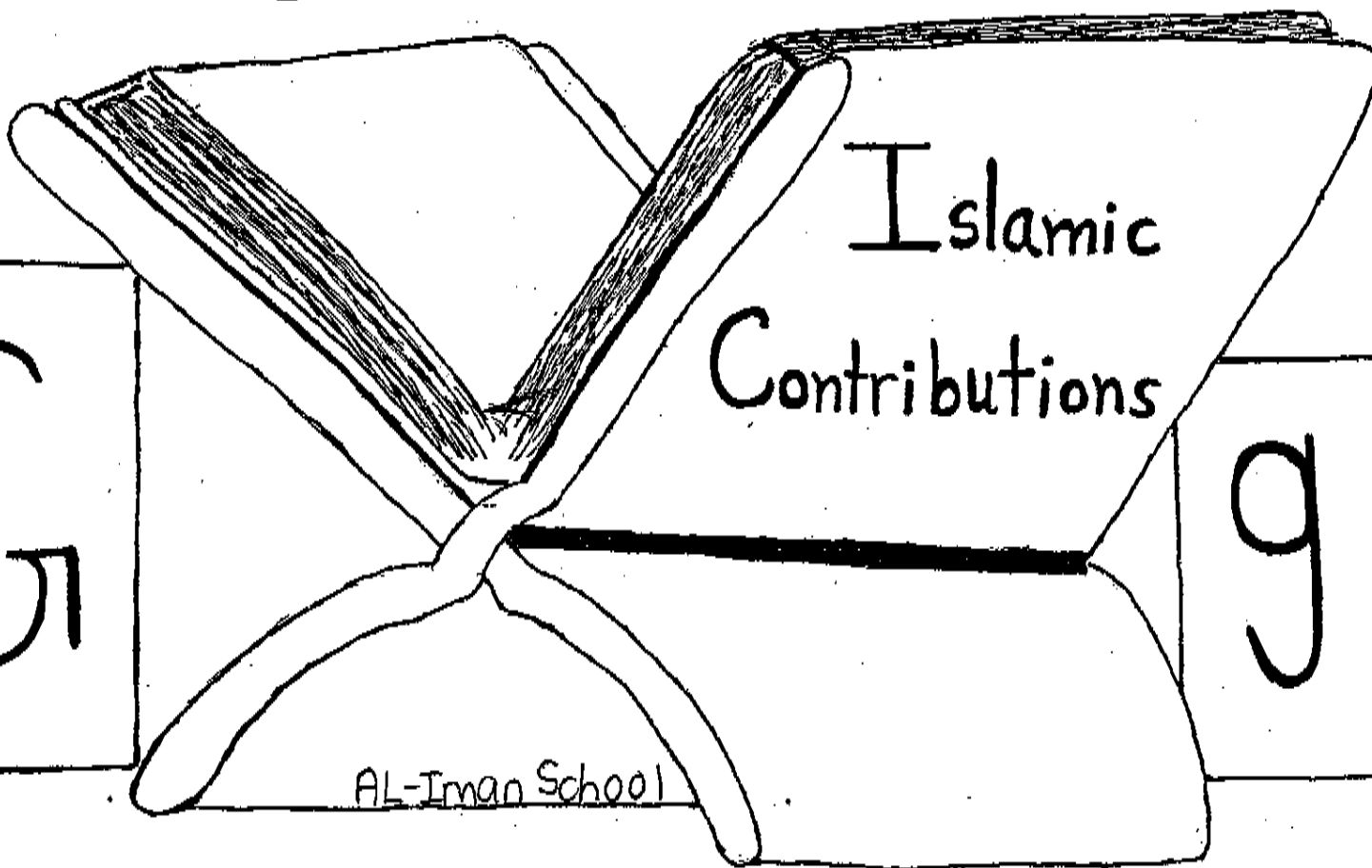


Abbas ibn Firnas created the first parachute in 852 and made several attempts to create a flying machine. (2) Muslim engineers spent a lot of time and effort in inventing various types of fountains because water is connected with paradise. (4)

Glass



Geography



G g Glass, Geography

g g g g g g g g g g g g g g g

G G G G G G G G G G G

glass glass

geography geography

g g g g g g g g g g g g g g g

G G G G G G G G G G G

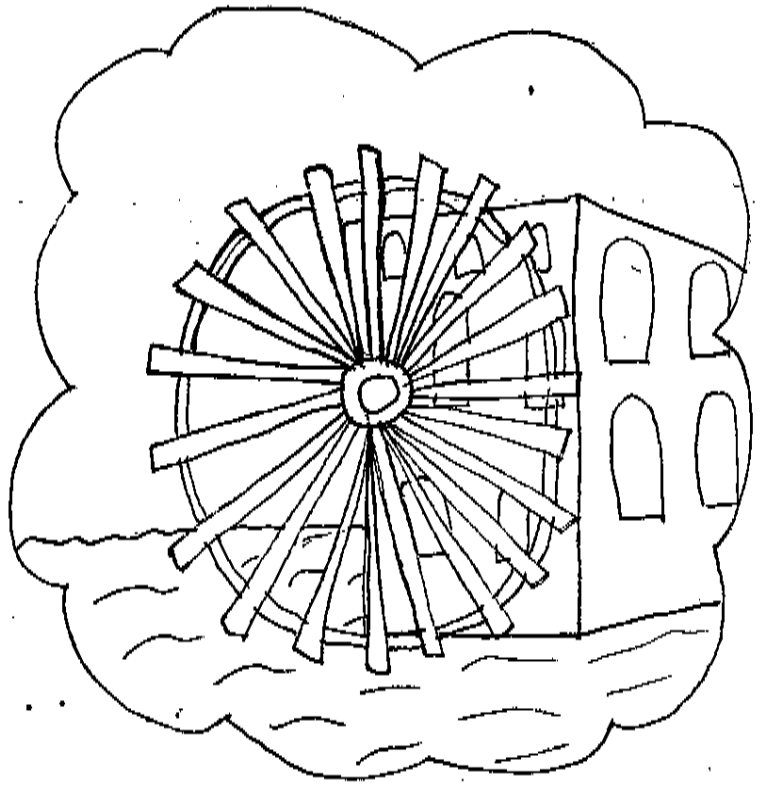
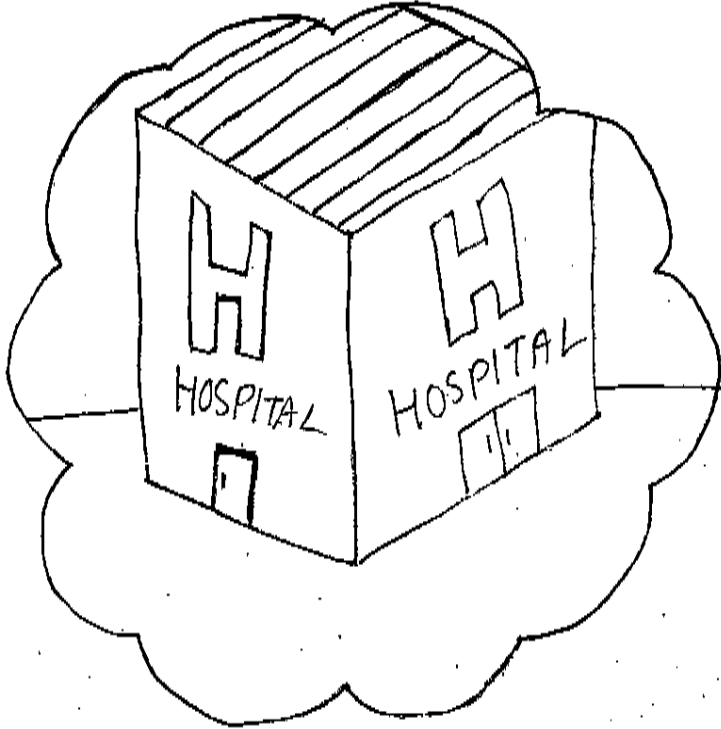
g g g g g g g g g g g g g g g

G G G G G G G G G G G

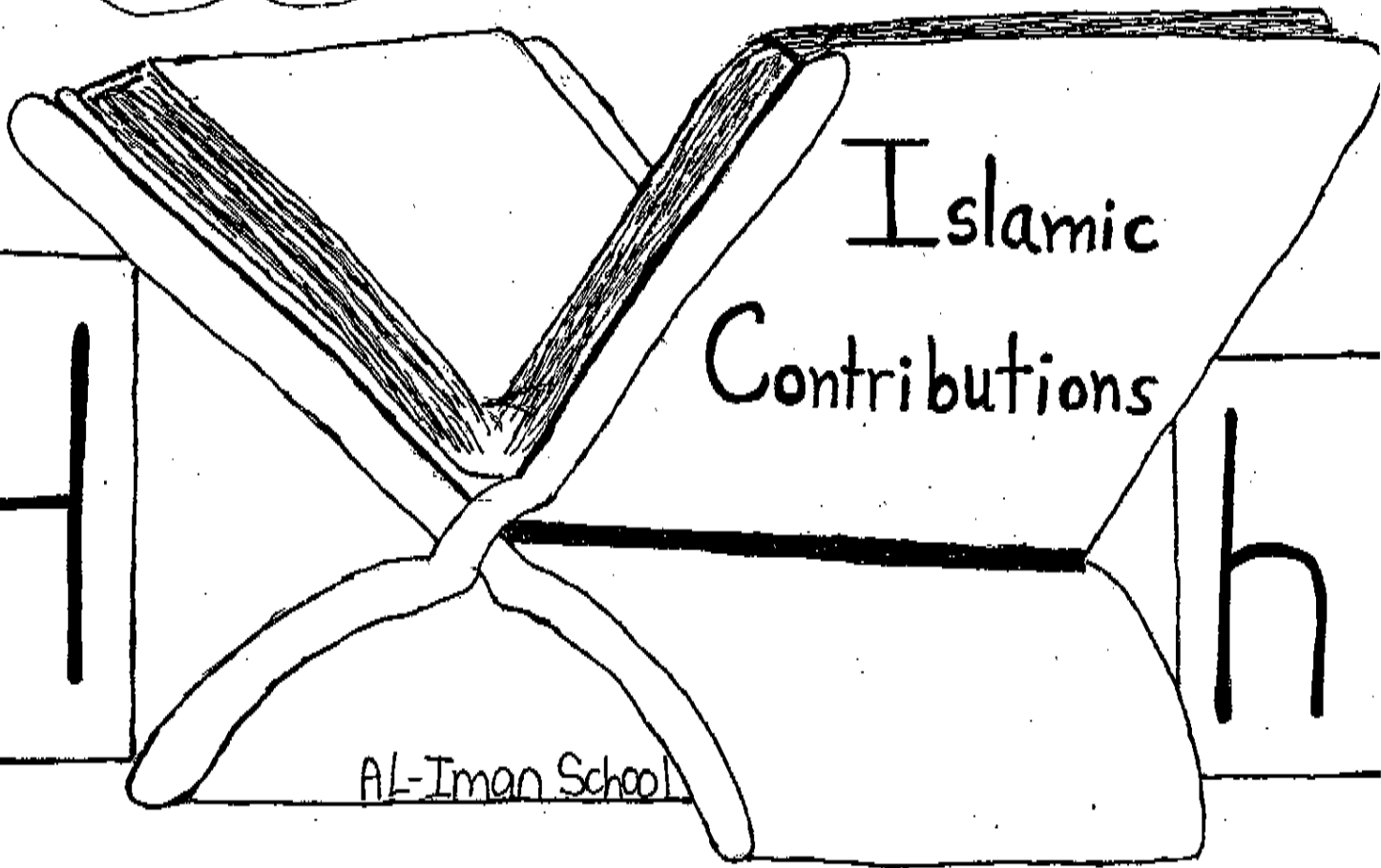
Ibn Firnas made glass from stones. (3) He also introduced crystal for drinking glasses.(4)

Geography - Muhamed Musa invented an instrument which could measure the earth. (3). Al-Khwartizmi, a 9th century Persian scholar, was one of the earliest scientific descriptive geographers and wrote the Form of the Earth.(4)

Hospitals



Hydraulics



Al-Iman School

H h Hospitals hydraulics

h h h h h h h h h h h h h h h h

H H H H H H H H H H H H H H H H

Hospitals hospitals

hydraulics hydraulics

h h h h h h h h h h h h h h h h

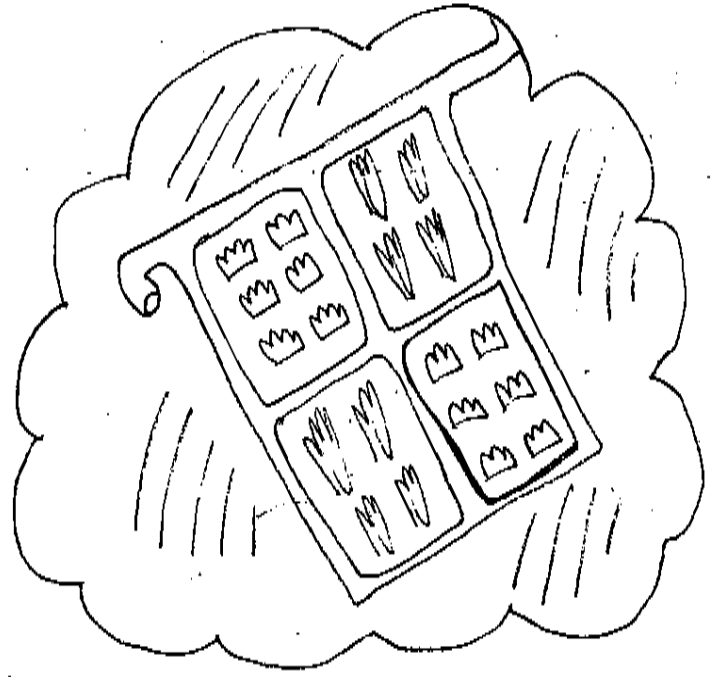
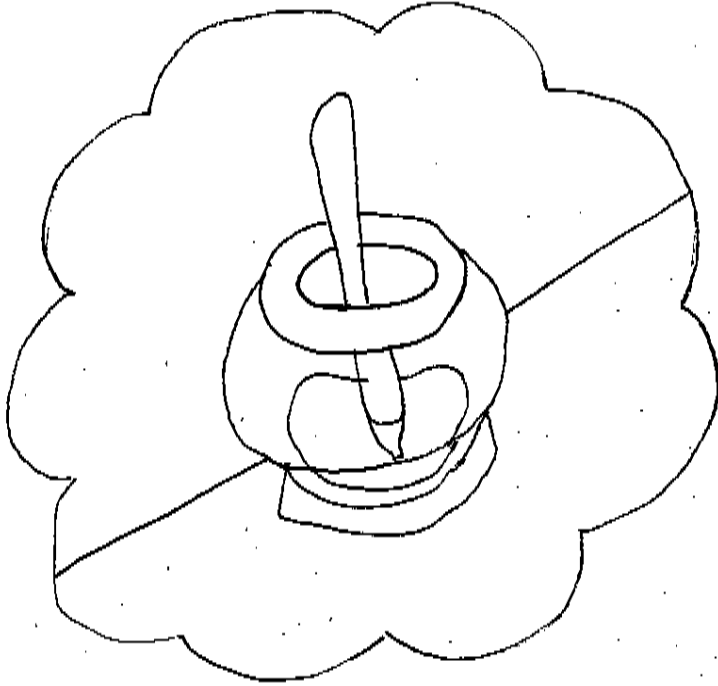
H H H H H H H H H H H H H H H H

h h h h h h h h h h h h h h h h

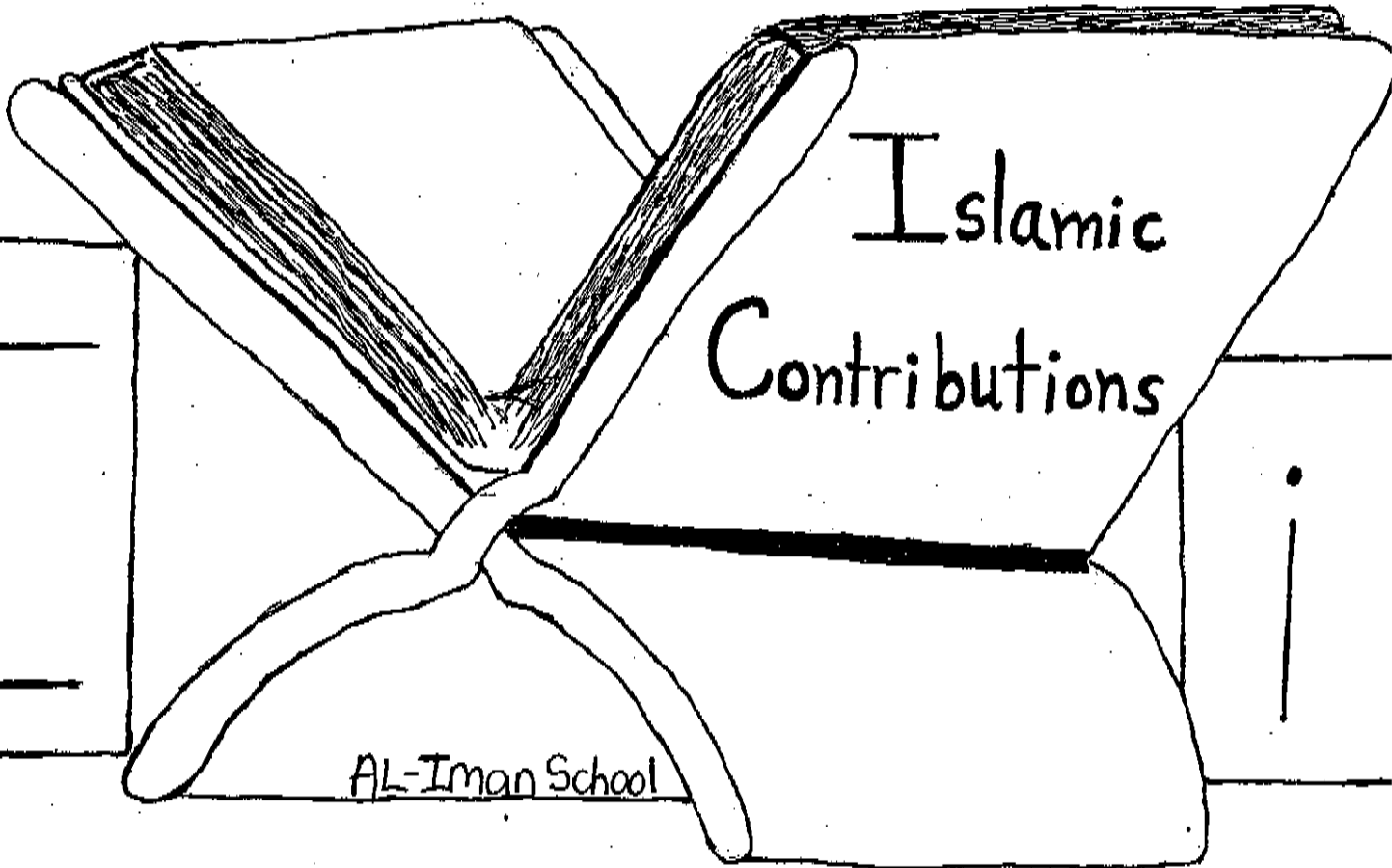
H H H H H H H H H H H H H H H H

Hospitals with wards and teaching centres, come from 9th century Egypt. The first such medical centre was the Ahmad ibn Tulun Hospital, founded In 872 In Cairo. This hospital provided free care for anyone who needed it. From Cairo, such hospitals spread around the Muslim world. (5)
Hydraulics were used in creating fountains, and In irrigation.(4)

Ink



Irrigation



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