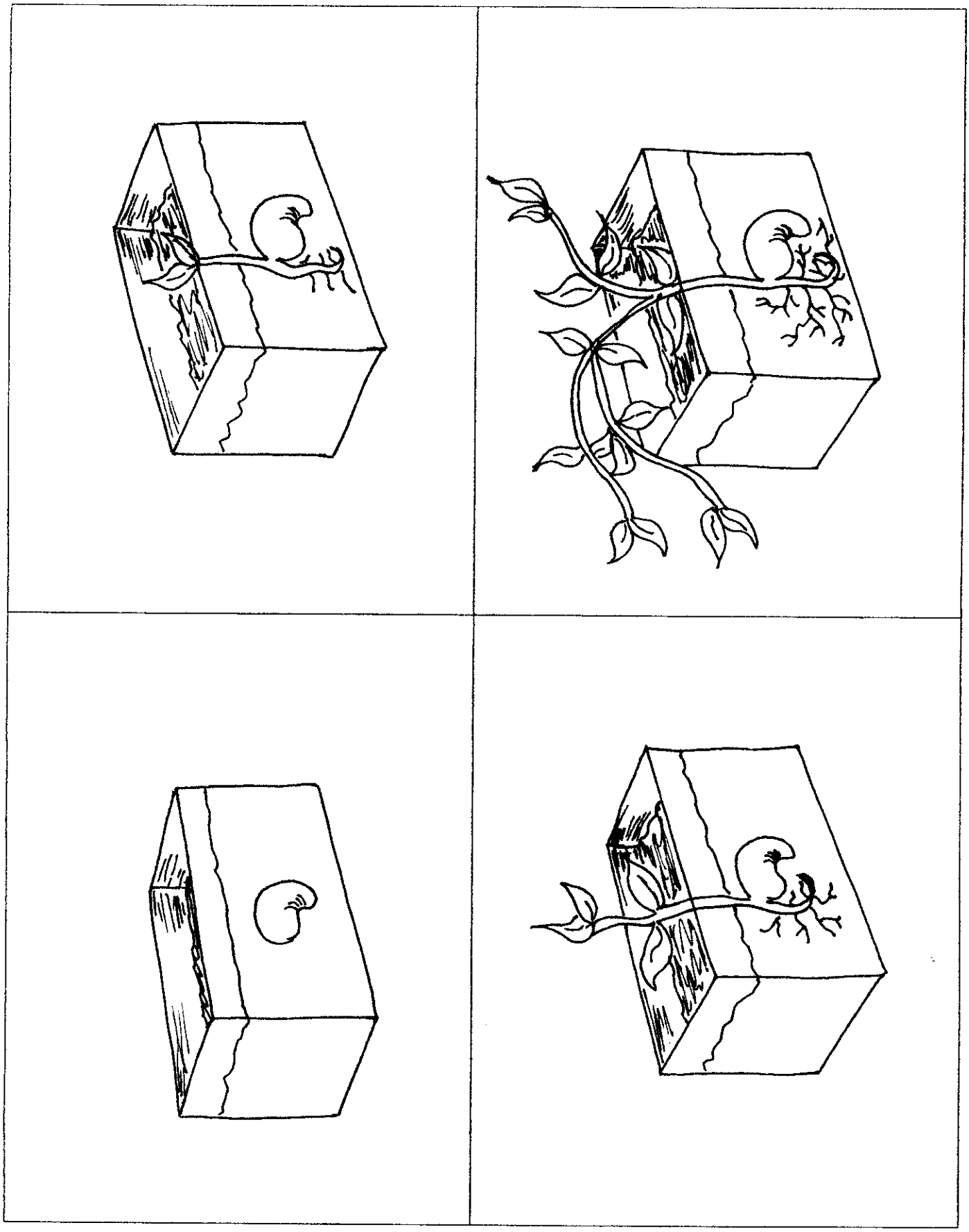How Seeds Grow