

Figure 1. Information Flows Overcome Spatiotemporal-Energetic Barriers

Key

S = spatiotemporal dynamics
E = energy conversion

**Cultural
Information
Pathways**



Orality

**Childrearing
Culture**



Long-term
breast feeding;
no public school;
high TFR

Agrarian Era:

S: Contact/proximity
E: Muscles/bioenergy



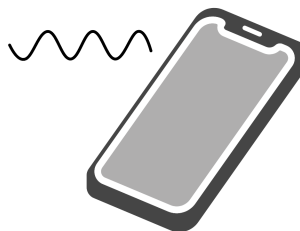
Mechanized
printing/delivery



Manufactured
infant formula;
primary/secondary
school; medium TFR

Industrial Era:

S: Mechanized motion
E: Fossil fuel/electricity



Computer/internet



Schooling from 1+
years old through
college; low TFR

Digital Era:

S: Massless/instant
E: High-tech energy