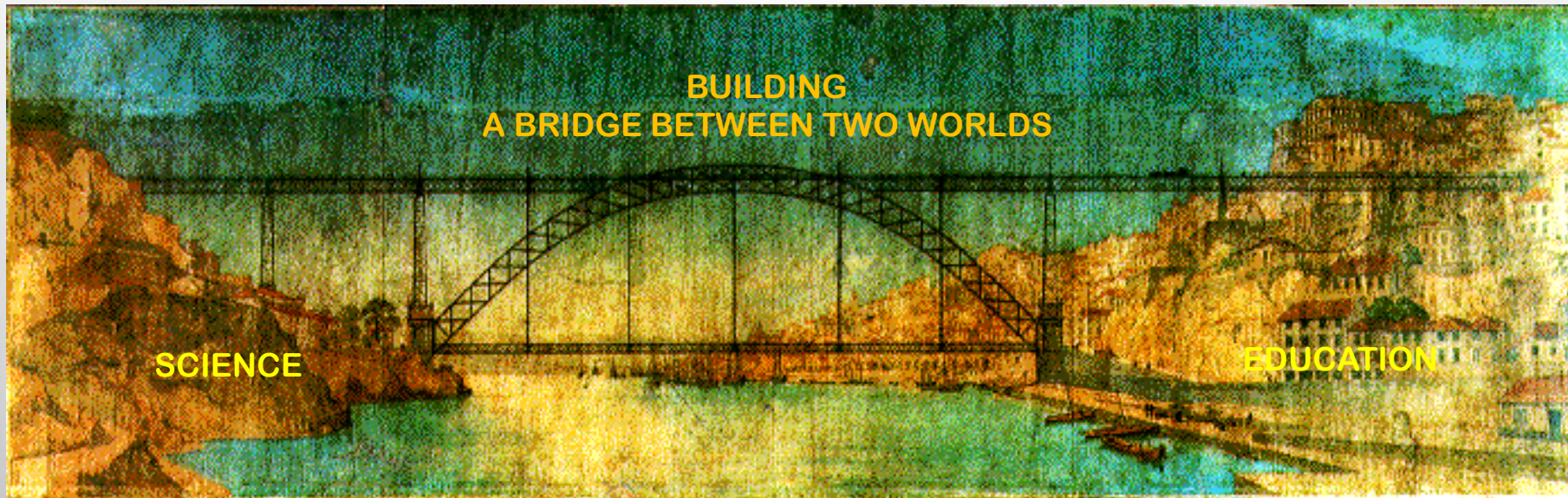


# SUPPORTING TEACHERS THROUGH GLOBAL CHALLENGES WITH THE SCIENCE OF LEARNING

## THE ROLE OF A RESEARCH NETWORK





# TRANSLATIONAL RESEARCH IN HEALTH

**FROM BENCH...**



**UNIVERSITIES**  
RESEARCHERS / PROFESSORS  
GRADUATE STUDENTS  
UNDERGRADUATE STUDENTS



**BIG BUSINESS**  
**"BIG PHARMA"**  
ENTREPRENEURS / CEOs  
RESEARCHERS / PROFESSORS  
TECHNICIANS

**SPIN-OFFS and START-UPS**  
RESEARCHERS / PROFESSORS  
TECHNICIANS

**...TO BEDSIDE**



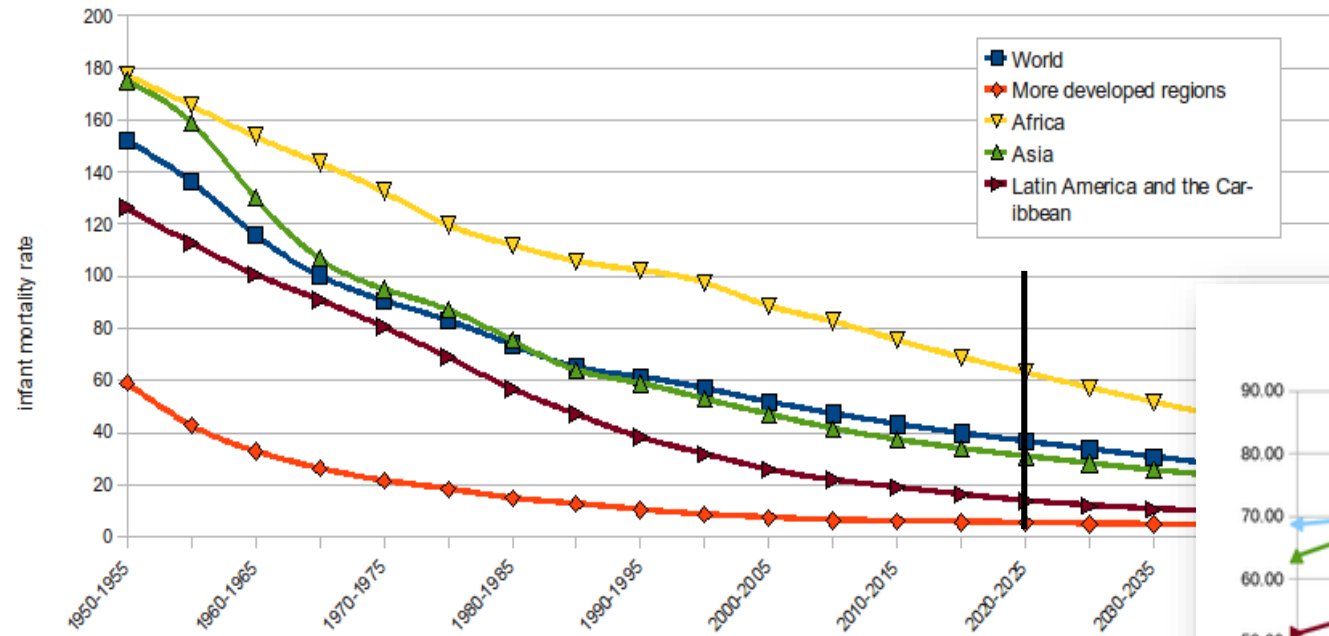
**HEALTH SYSTEMS**  
HOSPITALS  
CLINICS  
HEALTH PROFESSIONALS  
HEALTH MANAGERS

# TRANSLATIONAL RESEARCH IN HEALTH

## POSITIVE RESULTS

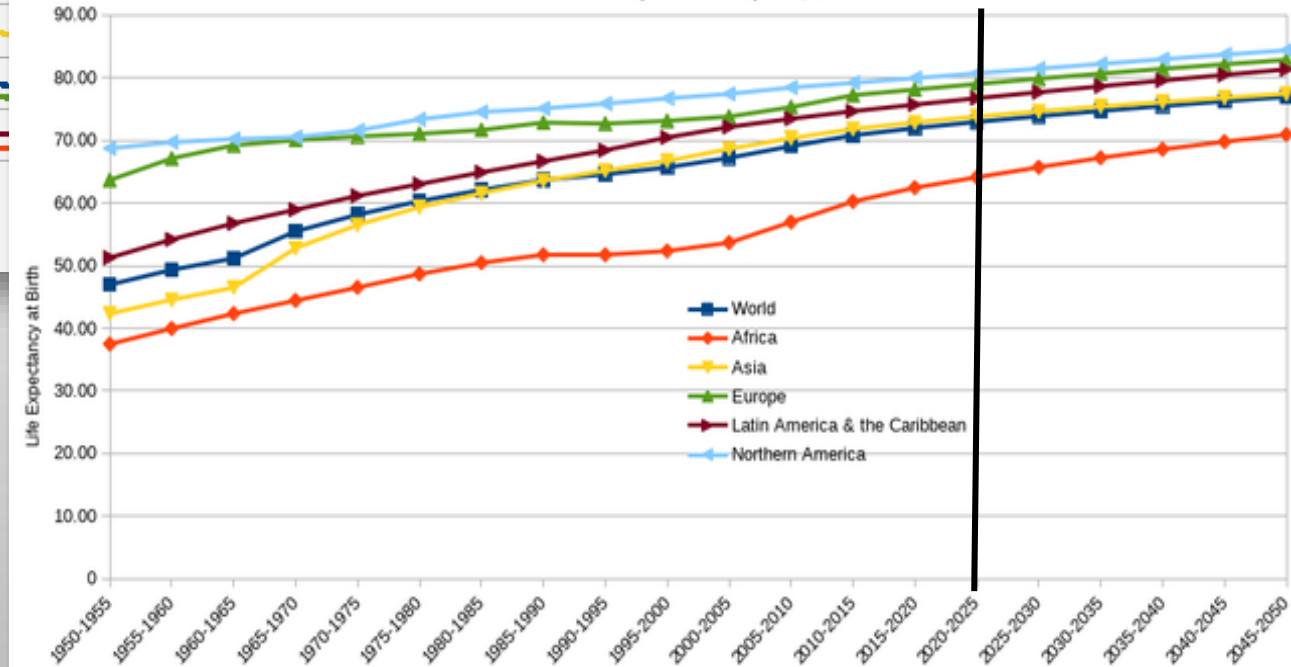
Infant Mortality Rate by Region, 1950-2050.

Source: UN World Population Prospects, 2008.



Life Expectancy by Region, 1950-2050

Source: UN World Population Prospects, 2017

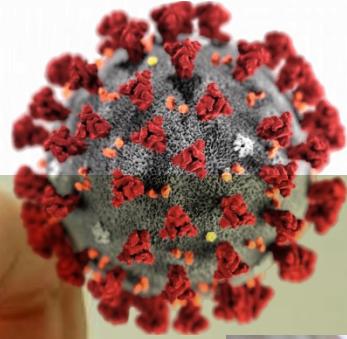


**CpE**  
BRAZILIAN  
NETWORK  
OF SCIENCE  
FOR EDUCATION



# TRANSLATIONAL RESEARCH IN HEALTH

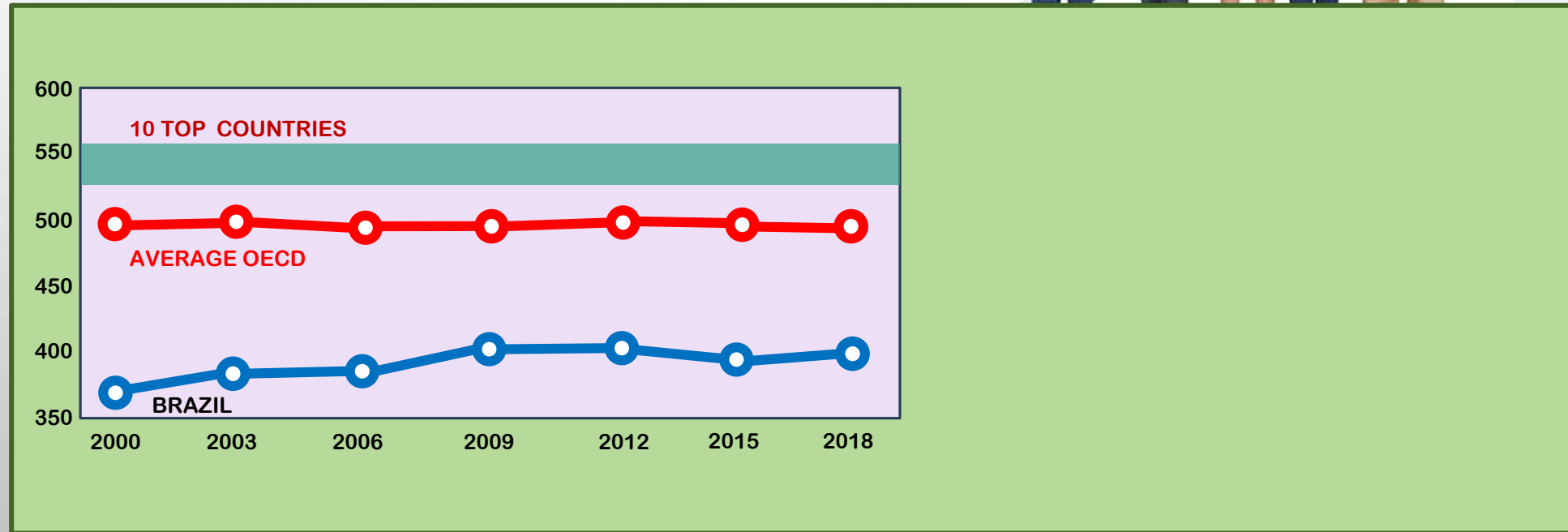
## VERY ACTIVE IN THE PANDEMICS



# WHAT ABOUT EDUCATION?



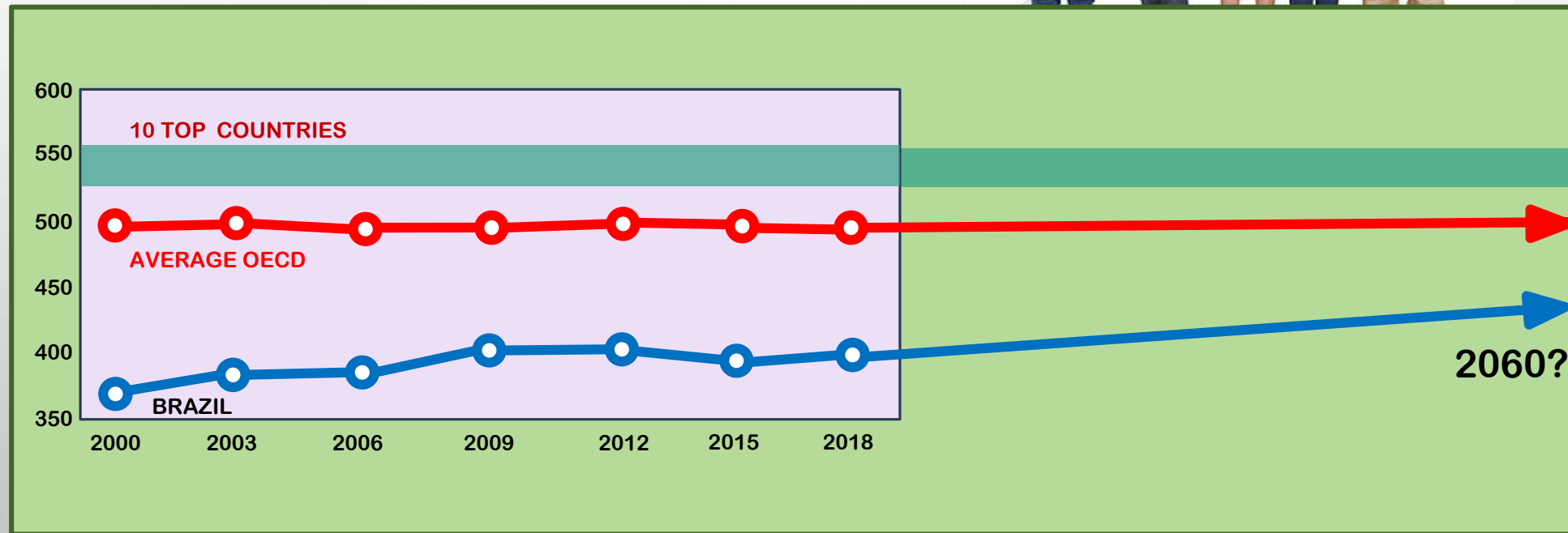
## STUDENTS PERFORMANCE – PISA TEST



# WHAT ABOUT EDUCATION?



## STUDENTS PERFORMANCE – PISA TEST





# TRANSLATIONAL RESEARCH IN EDUCATION

FROM BENCH...



...TO THE CLASSROOM



## UNIVERSITIES

RESEARCHERS / PROFESSORS  
GRADUATE STUDENTS  
UNDERGRADUATE STUDENTS

## BIG BUSINESS, GOVERNMENTS

ENTREPRENEURS / CEOs  
RESEARCHERS / PROFESSORS  
TECHNICIANS

## EDUCATIONAL SYSTEMS

MINISTRY AND SECRETARIATS  
SCHOOLS  
TEACHERS  
PRINCIPALS  
FAMILIES

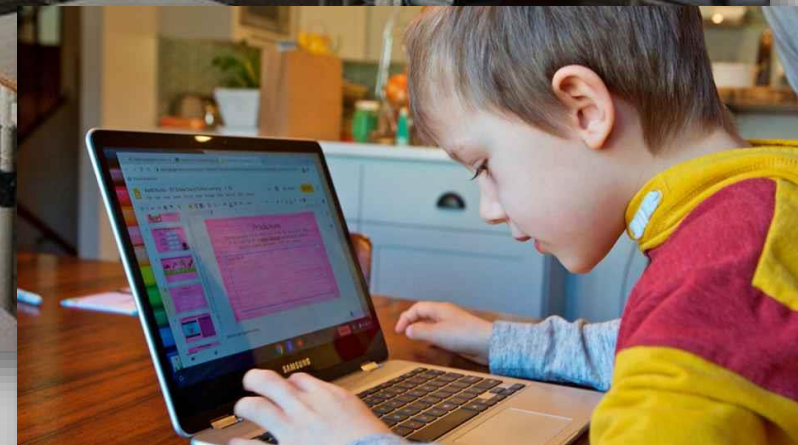
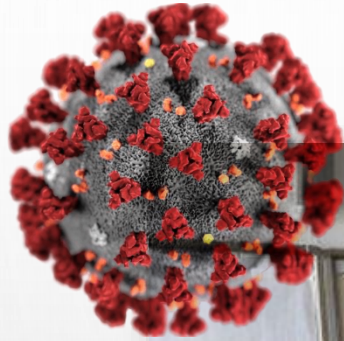
## SPIN-OFFS E START-UPS

RESEARCHERS / PROFESSORS  
TECHNICIANS



# TRANSLATIONAL RESEARCH IN EDUCATION

## GREAT NEED DURING AND AFTER COVID-19



**REMOTE LEARNING**



# REMOTE EDUCATION: ISSUES FOR RESEARCH

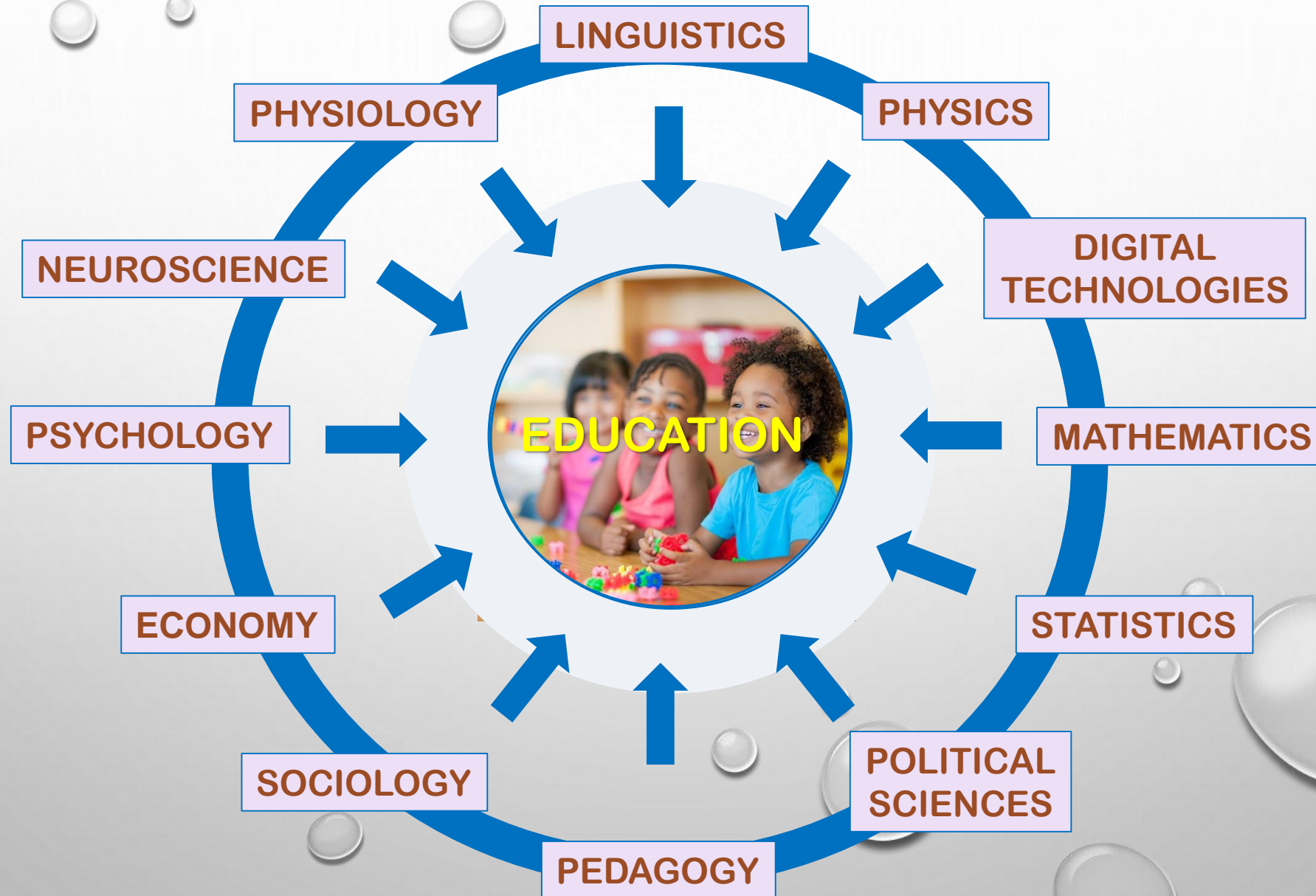
ARE BRAIN MECHANISMS SIMILAR FOR REMOTE AND F2F LEARNING?  
ARE INTERNET NETWORKS CAPABLE OF SCALING IT WORLDWIDE?  
HOW TO GUARANTEE EQUAL OPPORTUNITIES IN EACH COUNTRY?  
HOW TO GUARANTEE EQUAL OPPORTUNITIES INTERNATIONALLY?  
CAN SOCIOEMOTIONAL ABILITIES BE TAUGHT REMOTELY?  
HOW TO PROVIDE IT TO CHILDREN WITH SPECIAL NEEDS?  
CAN ALL DISCIPLINES BE EQUALLY TAUGHT REMOTELY?  
HOW MUCH REMOTE, HOW MUCH F2F?  
HOW TO DESIGN INNOVATIVE MEDIA?  
HOW MUCH EMPATHY CAN IT CONVEY?  
CAN ALL SCHOOLS COVER THE COSTS?  
HOW CAN EFFICACY BE ASSESSED?  
HOW TO PROVIDE EQUAL ACCESS?  
HOW CAN A.I. CONTRIBUTE?  
ARE TEACHERS PREPARED?  
ARE SCHOOLS PREPARED?

**DID REMOTE LEARNING  
COME TO STAY?**



BRAZILIAN  
NETWORK  
OF SCIENCE  
FOR EDUCATION

# SCIENCE FOR EDUCATION: THE CONFLUENCE OF DISCIPLINES





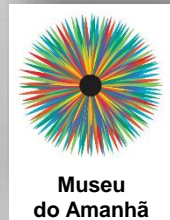
# BRAZILIAN NETWORK OF SCIENCE FOR EDUCATION



**RESEARCHERS**  
**SENIOR SCIENTISTS**  
(147 in 26 institutions)

**TEACHERS**  
**CpE FRIENDS**  
(50 until 2019 )

**PARTNERS**  
**COMPANIES, SOCIETIES**  
(8 partners)



INSTITUTO DOR  
PESQUISA E ENSINO

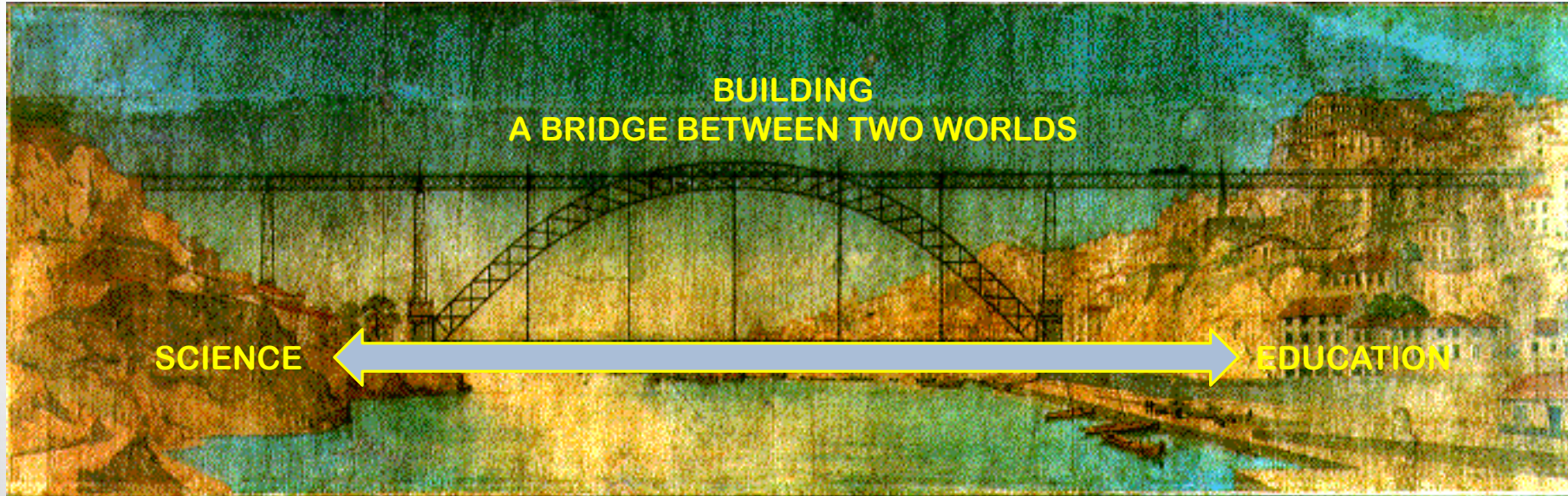


1. DEVELOPMENT OF A SEARCH PLATFORM  
2014
2. INVITATION OF FIRST 50 MEMBERS (SCIENTISTS)  
2014
3. INVITATION OF FIRST 3 PARTNERS  
2015
4. ORGANIZATION OF SCIENTIFIC MEETINGS  
2015
5. WORK GROUPS AND PUBLICATIONS  
2016
6. ESTABLISHMENT OF FORMAL STRUCTURE  
2017
7. INVITATION OF FIRST CpE FRIENDS (TEACHERS)  
2018
8. FORMAL INTERNATIONAL CONTACTS  
2018
9. FIRST CALL FOR RESEARCH PROJECTS  
2019
10. FOUNDATION OF GSOLEN  
2020

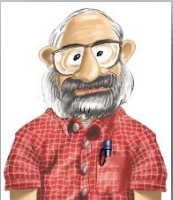


# SCIENCE FOR EDUCATION

<http://cienciaparaeducacao.org/eng>



THANK YOU



[rlent@cienciaparaeducacao.org](mailto:rlent@cienciaparaeducacao.org)

