



Futures Studies



淡江大學教育與未來設計學系

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How is Our World Changing with Technology & Innovation



IMPACTS OF TECHNOLOGICAL INNOVATION

MEDIA & INFORMATION



Before



After





COMMUNICATION

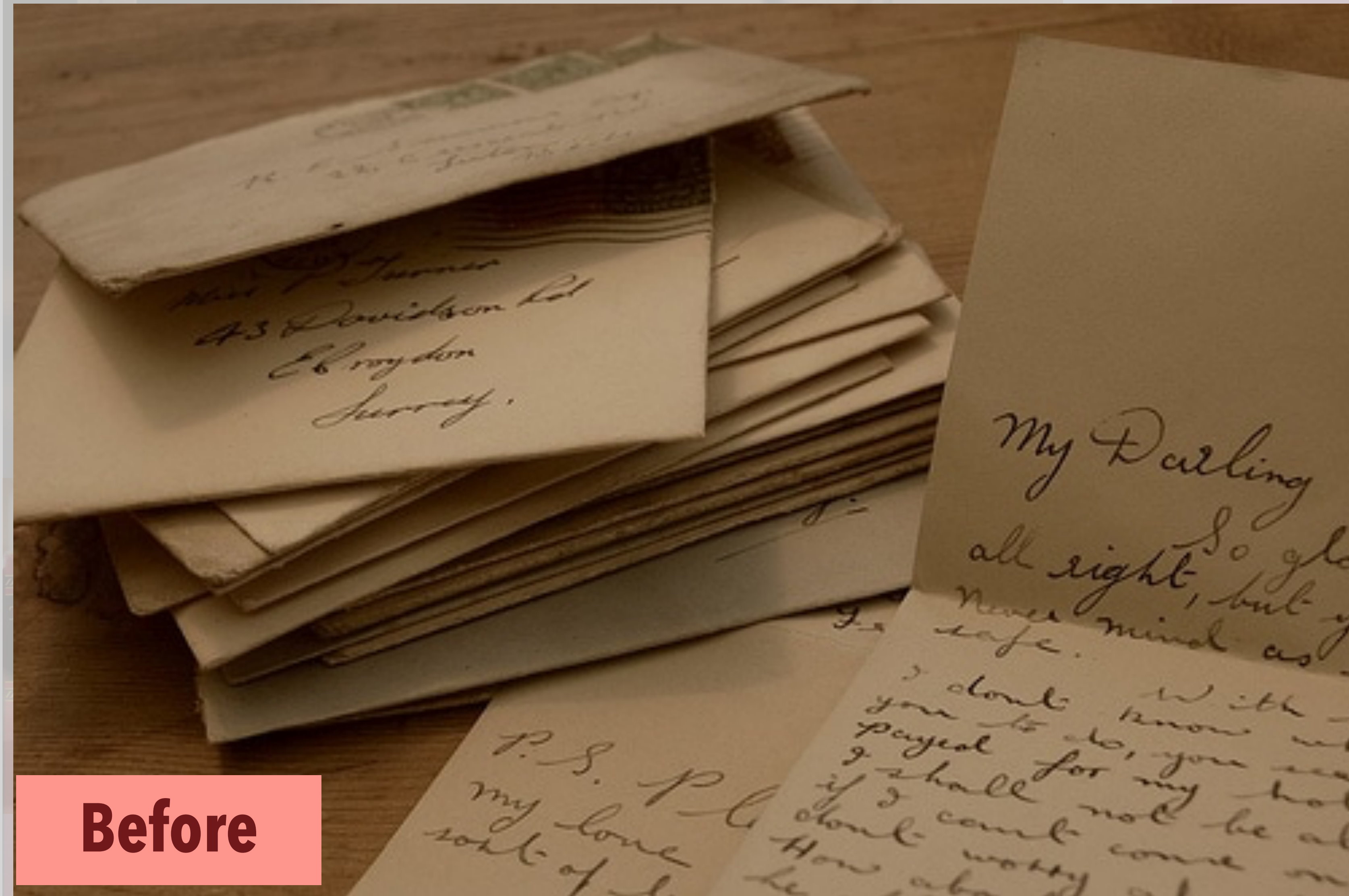
TODAY



in 1876



MEDIA & INFORMATION



Before





**HOW DO THESE CHANGE
AFFECT US?**

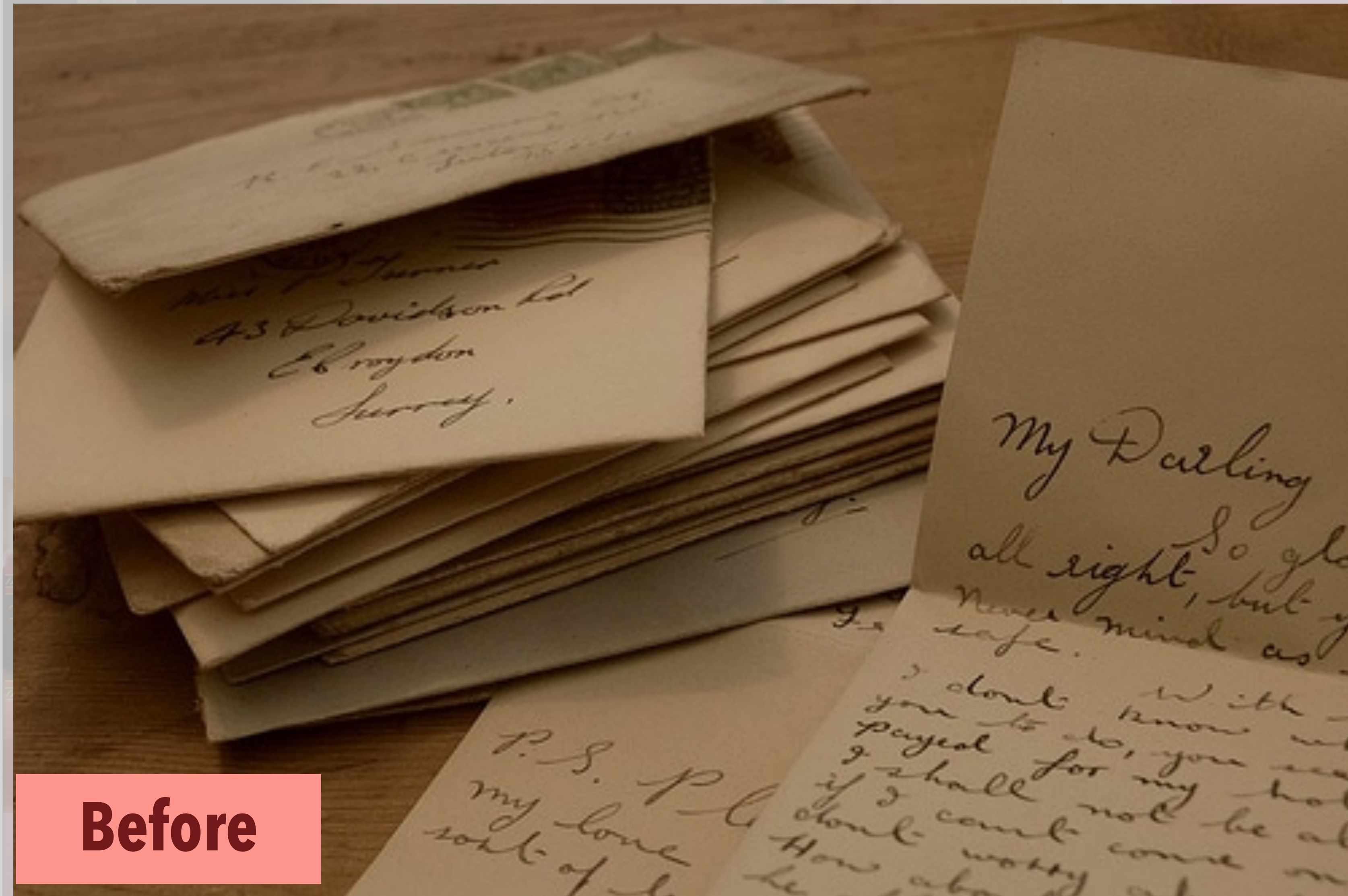
这些变化如何影响我们



Today's activity

IMPACTS OF TECHNOLOGICAL INNOVATION

MEDIA & INFORMATION

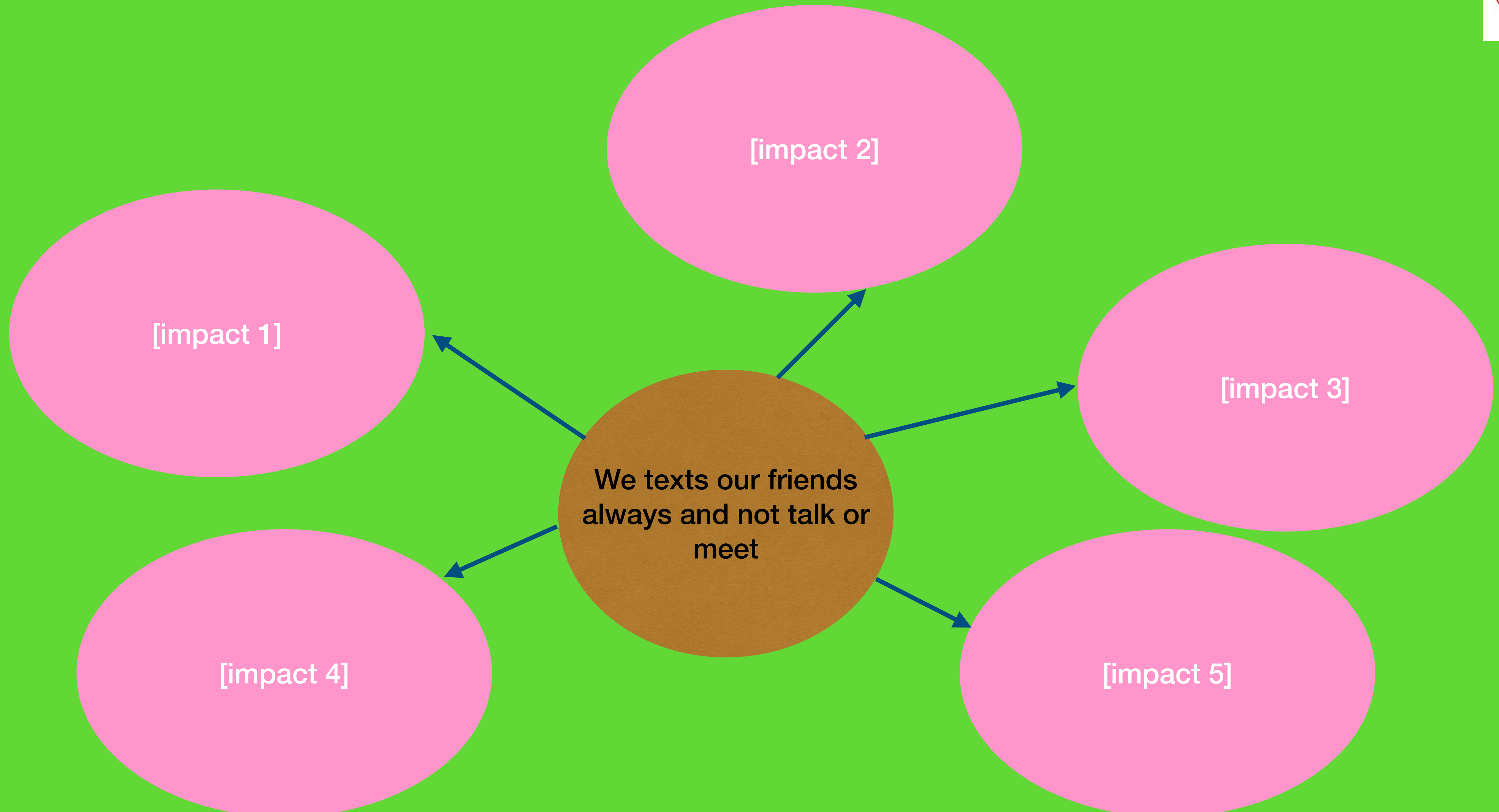


Before



NOW

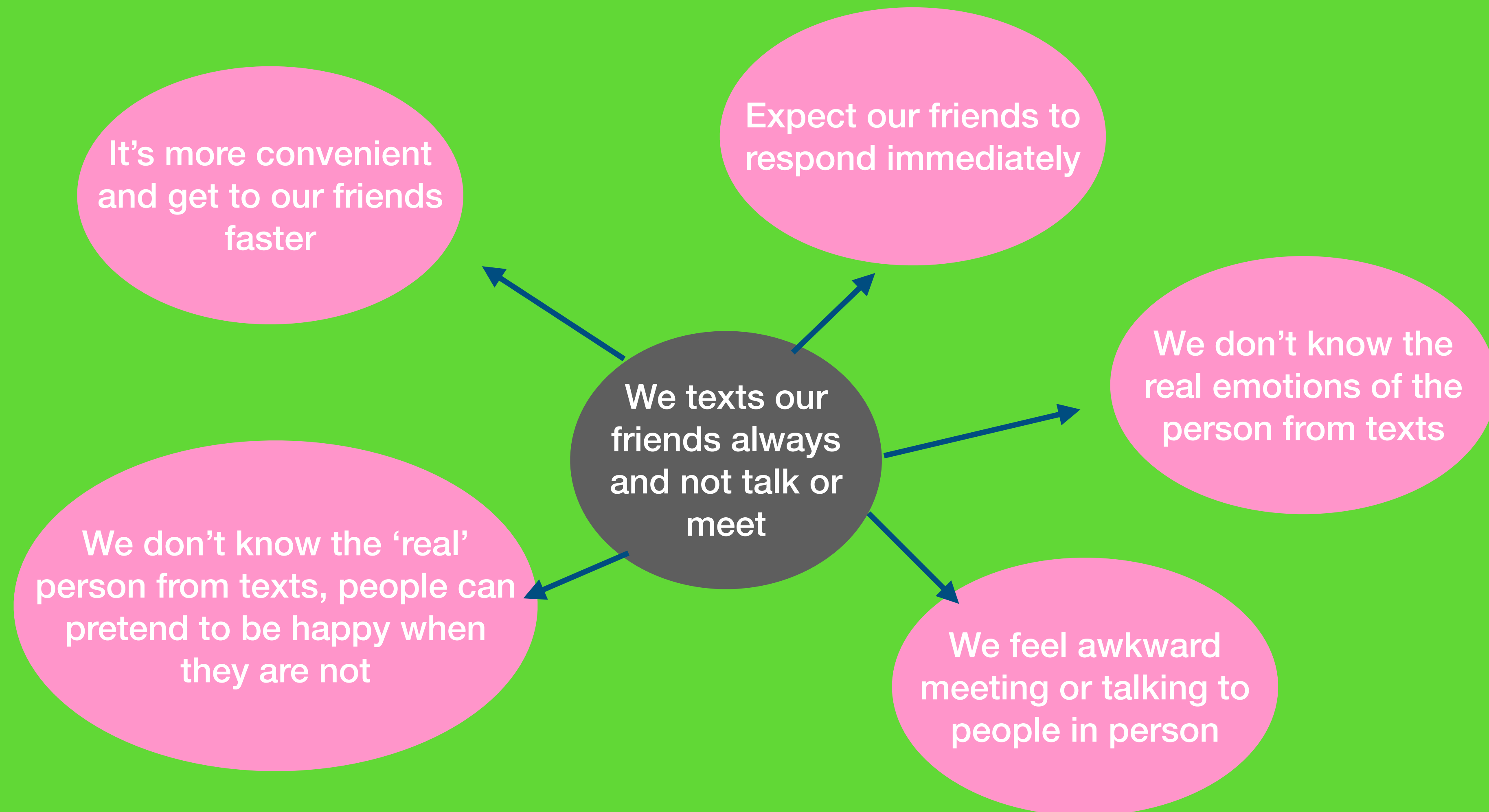
Texting, not talking



Texting, not talking



1st order impacts - what do we feel immediately

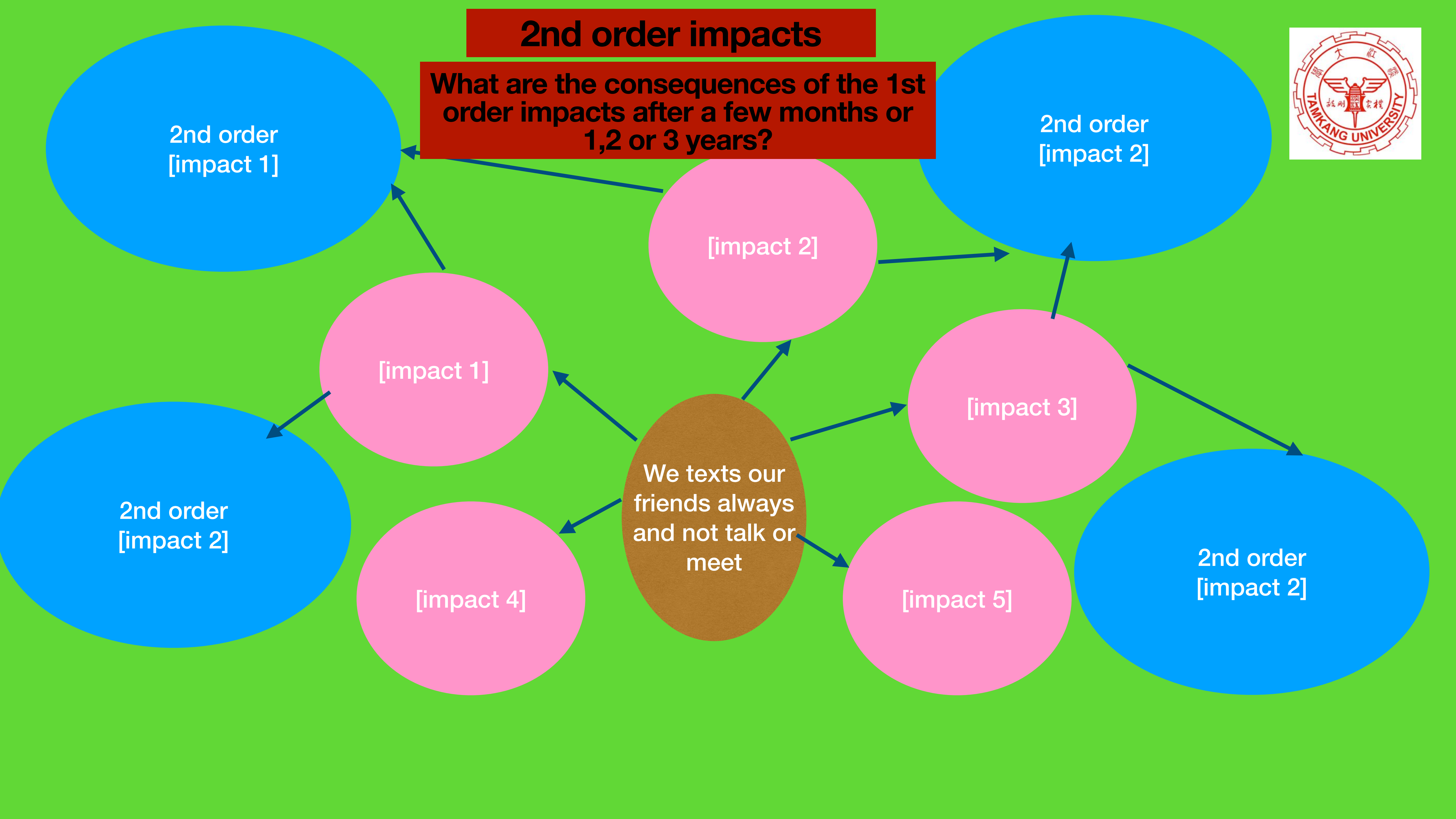


FUTURES WHEEL

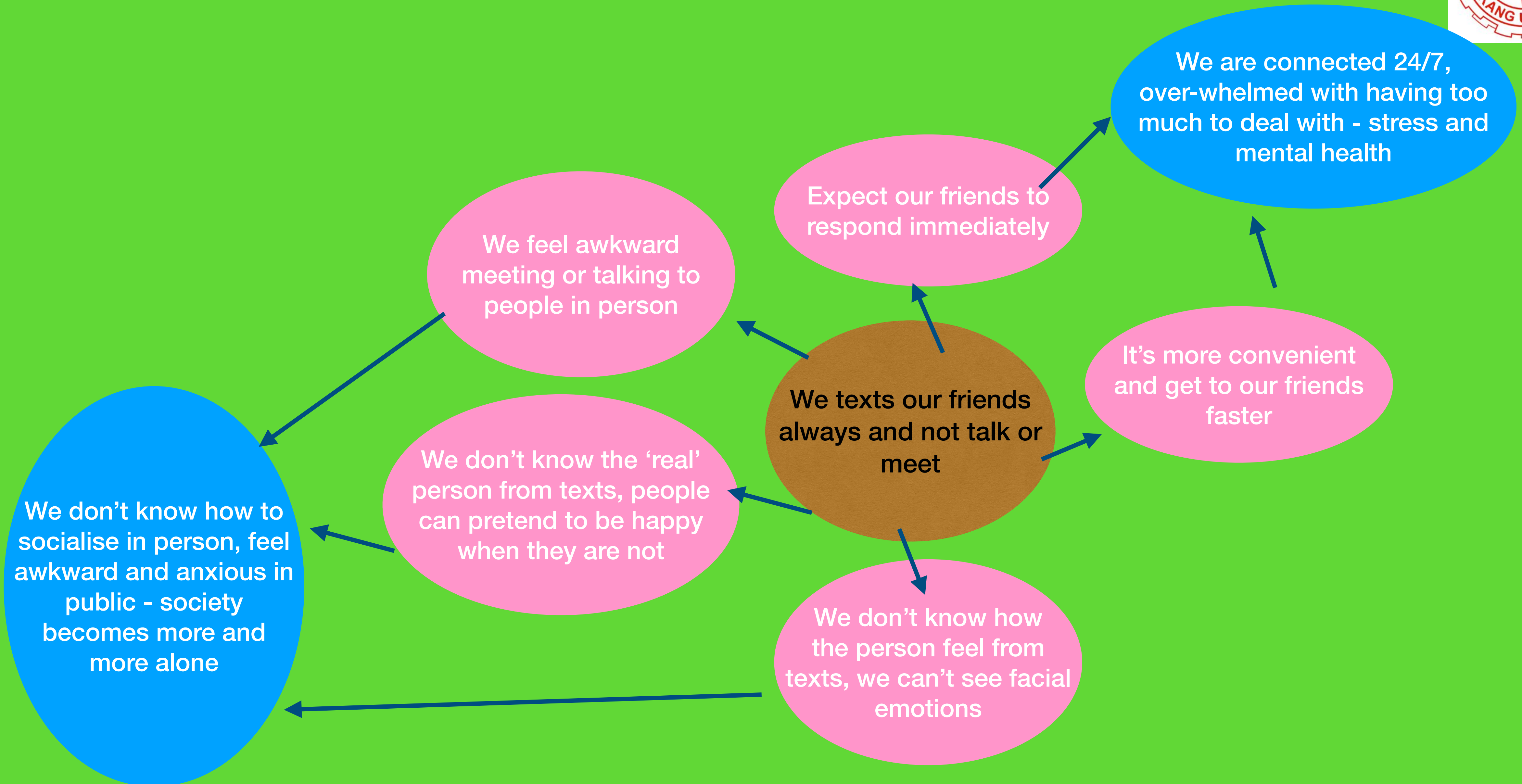
**1ST ORDER IMPACTS -
THE EFFECTS WE FEEL
IMMEDIATELY**

2nd order impacts

What are the consequences of the 1st order impacts after a few months or 1,2 or 3 years?



What are the consequences of those 1st order impacts?



FUTURES WHEEL

**2ND ORDER IMPACTS -
THE CONSEQUENCES OF THOSE
1ST ORDER EFFECTS WE FELT**

ACTIVITY 1

THE IMPACTS AND IMPLICATIONS OF TECHNOLOGY

Work in Group

A piece of poster

A bag of writing materials

Step 1: Think about the immediate impacts of a tech issue

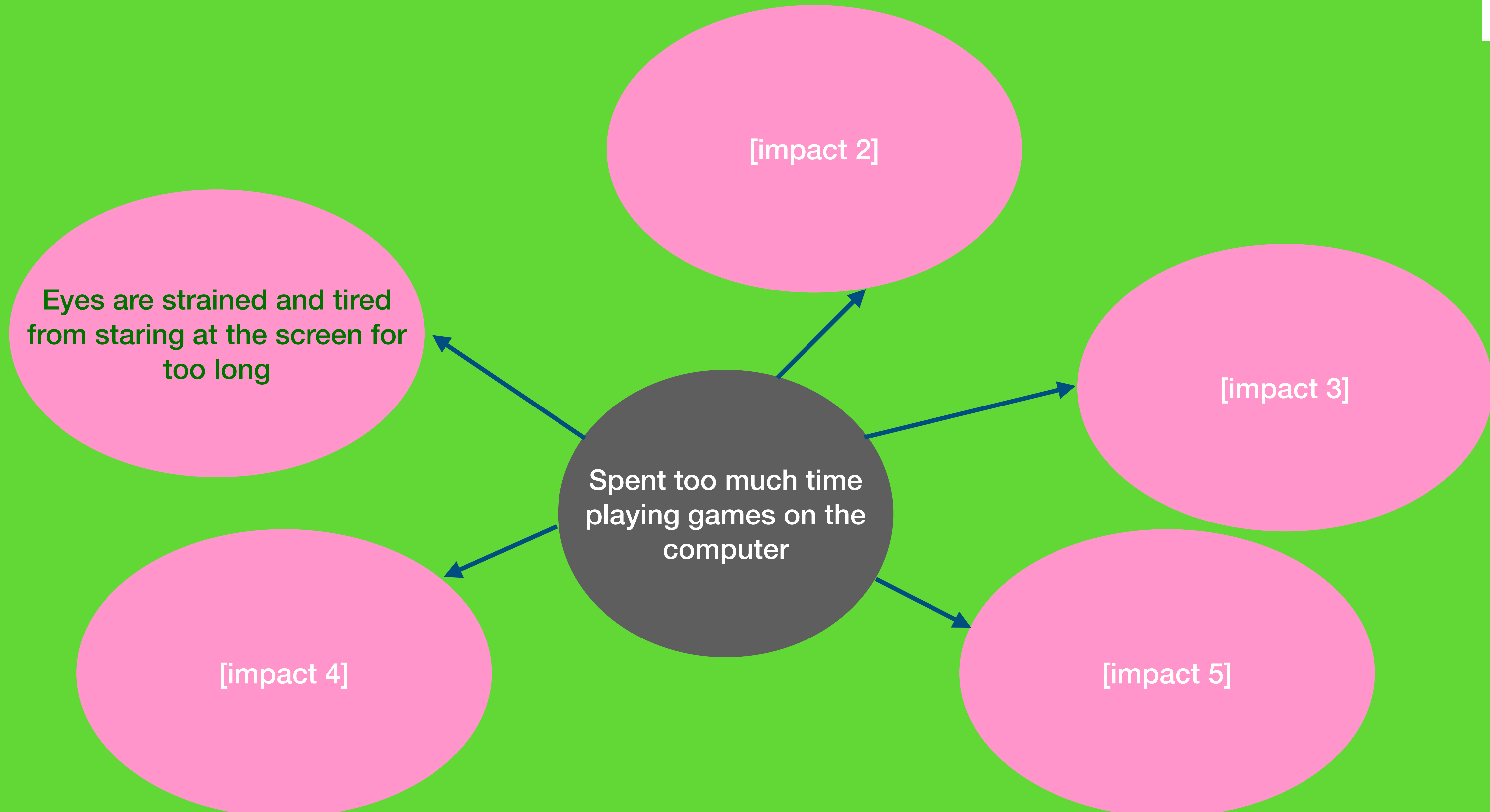
Step 2: Think about the consequences of those 1st order impacts



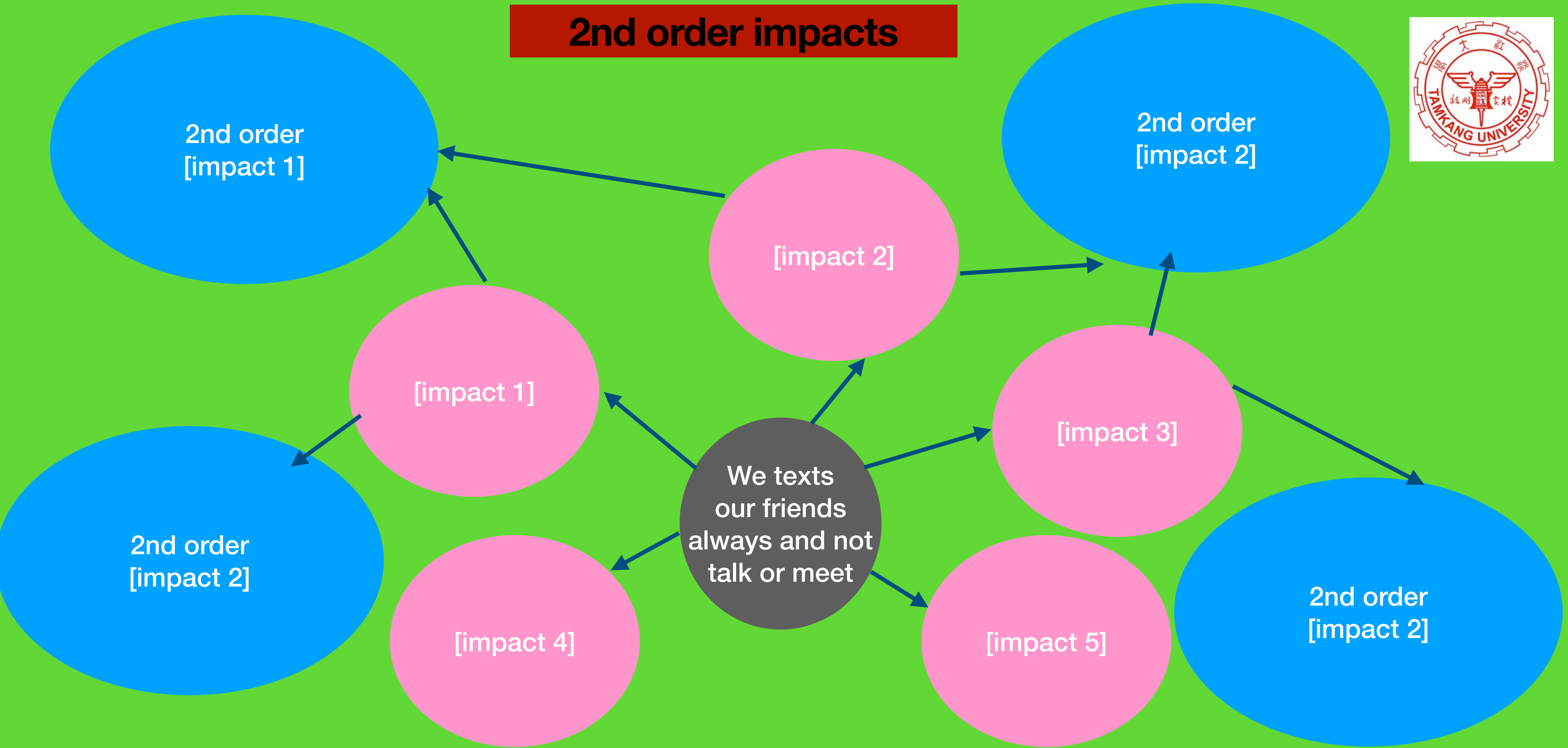
Spent too much time playing games on the computer

花太多时间在电脑上玩游戏

Think of the immediate effects that we feel from spending too much time playing games on the computer



2nd order impacts



CHANGE

**IMPACTS OF
CHANGE**

**Understand the
Consequences of Change**

**Thinking About the
Future**

**There Are More Than One
Future**

The Future* Is Plural

Possible, Alternative Futures

Thank you

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