



FAMILY MANAGEMENT IN THE DIGITAL ERA





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Course Description



This course discusses the theories, concepts and processes of family resource management. Furthermore, the basic concepts of management such as values, goals, needs, resources, decision making, problem solving on how a plan can be implemented are also discussed; implementation of resource management in the family; family well being and ends with how families face the digital age



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LEARNING OUTCOME

After completing this course:

1. Students are able to master the concept of family resource management
2. Students are able to analyze the management of various family resources critically, creatively, communicatively, collaboratively and by upholding character values
3. Students are able to plan the management of various family resources in various family life cycles



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LEARNING OUTCOME THIS SESSION

Students are able to explain the management of resources that families must do in facing the digital era, including the risks and benefits felt by families in the digital era

Outline

Digital Age Concept

Positive and Negative Impacts of Technology on Families

Family Trends in the Digital Age

Smart Families face the digital era

Family Communication in the Digital Age

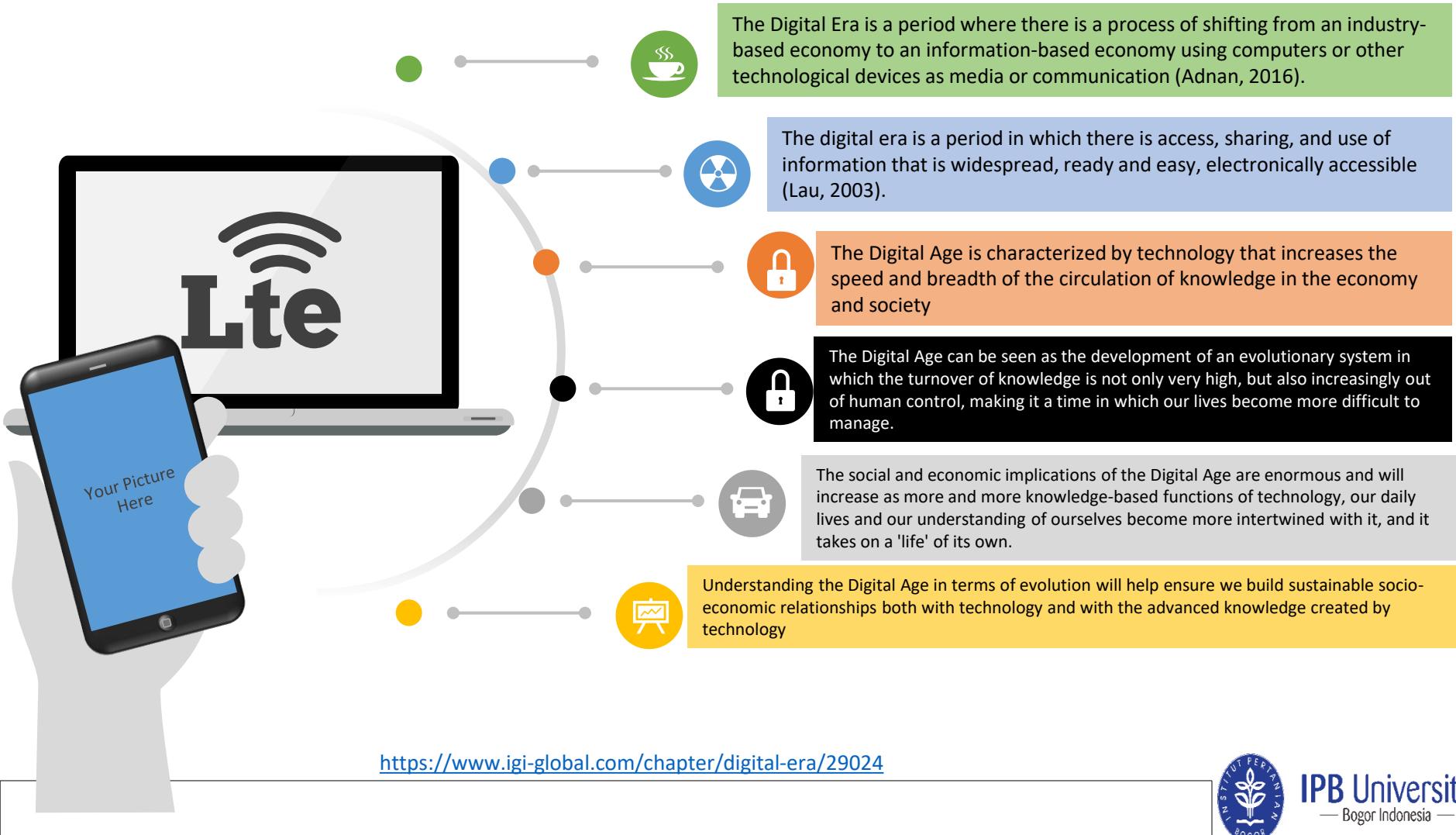
Family Financial Management in the Digital Age

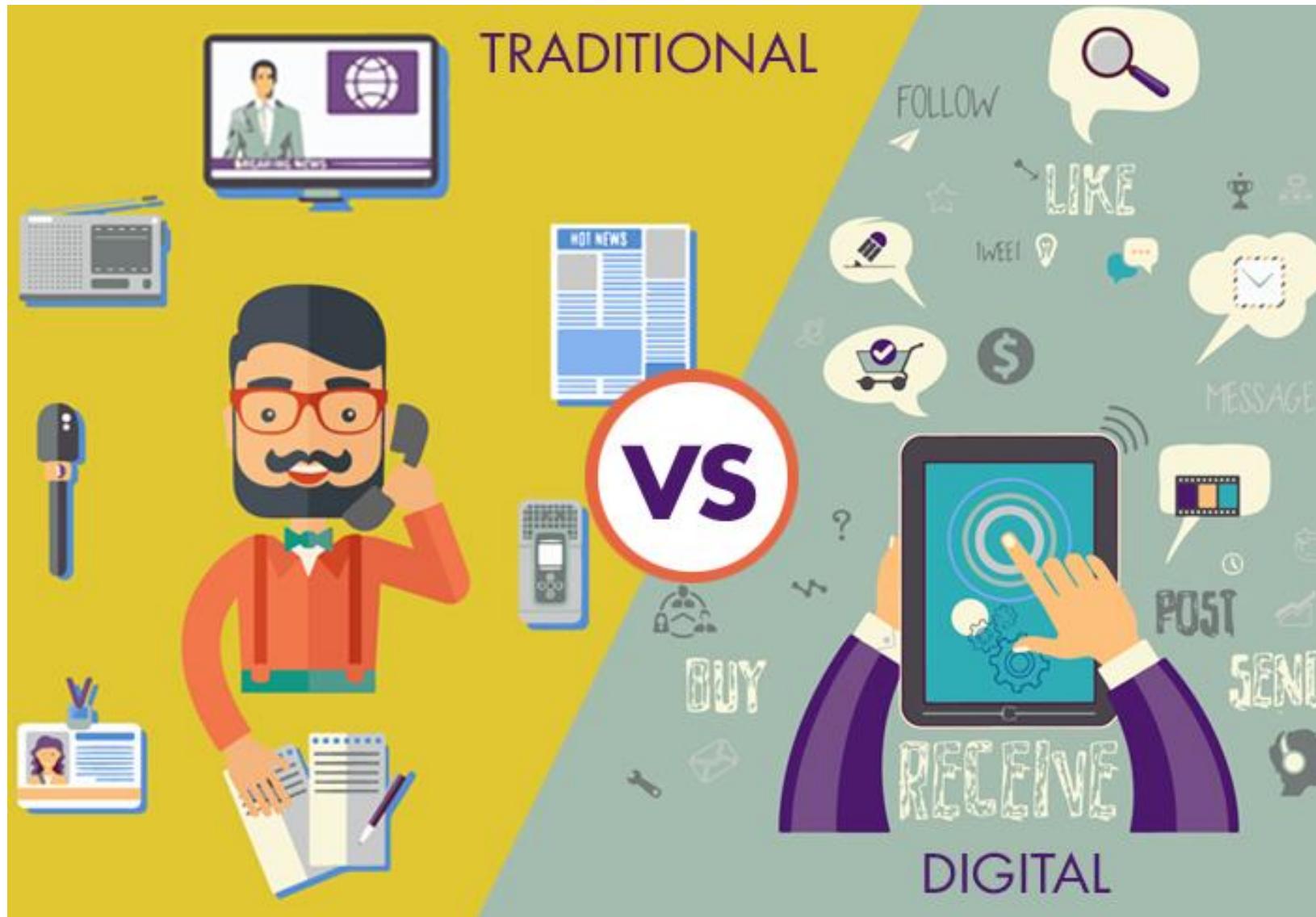


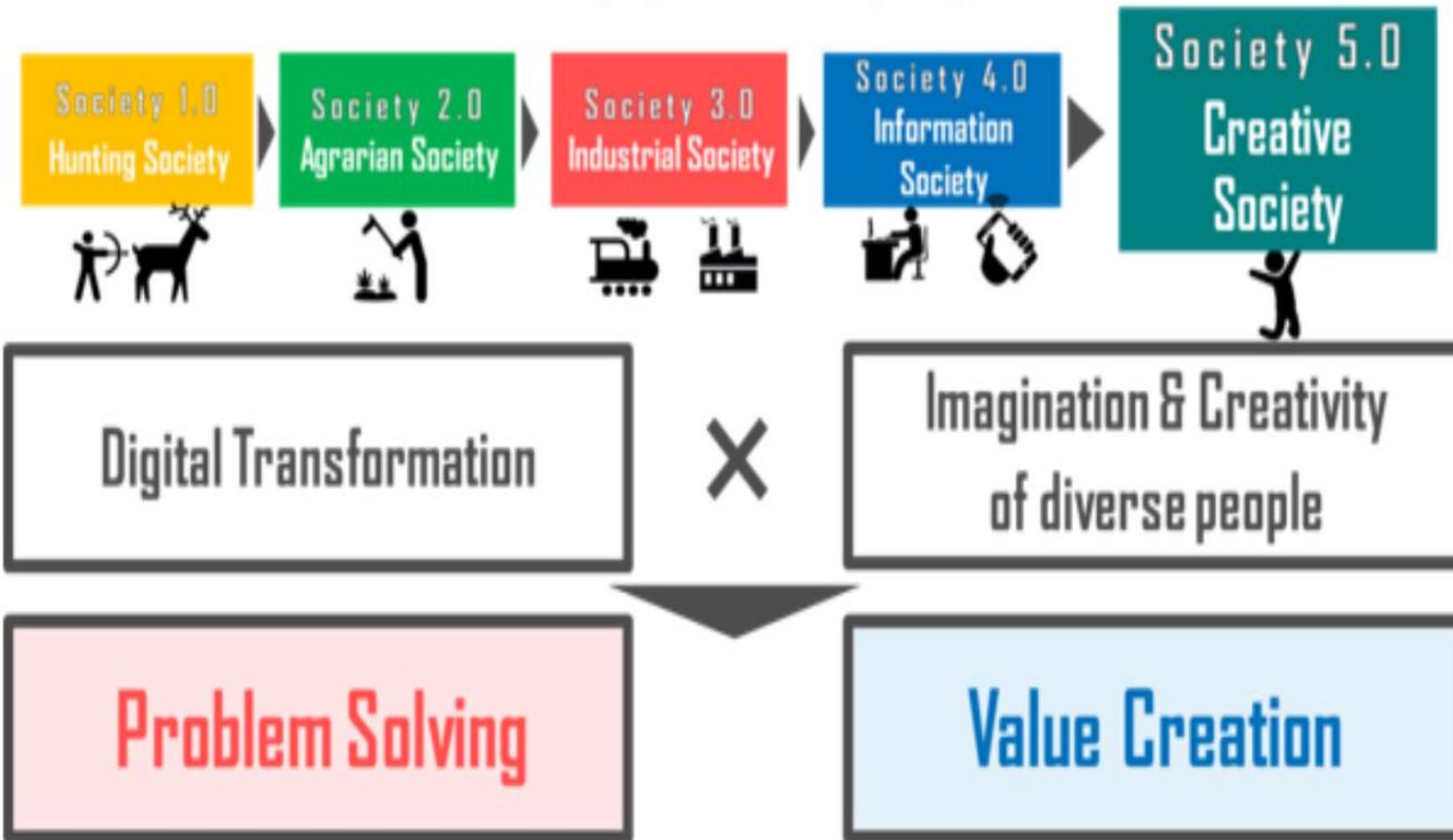
Digital Era Concept



Digital Era Concept







Source: Society 5.0— Co-Creating the Future- (Keidanren)

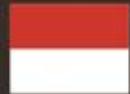
<http://globalbusinesscoalition.org/global-governance-news/b20-tokyo-summit-joint-recommendations-society-5-0-for-sdgs/>



JAN
2019

INDONESIA

THE ESSENTIAL HEADLINE DATA YOU NEED TO UNDERSTAND MOBILE, INTERNET, AND SOCIAL MEDIA USE



TOTAL
POPULATION



268.2

MILLION

URBANISATION:

56%

MOBILE
SUBSCRIPTIONS



355.5

MILLION

vs. POPULATION:

133%

INTERNET
USERS



150.0

MILLION

PENETRATION:

56%

ACTIVE SOCIAL
MEDIA USERS



150.0

MILLION

PENETRATION:

56%

MOBILE SOCIAL
MEDIA USERS



130.0

MILLION

PENETRATION:

48%

we
are
social

 Hootsuite™ we
are
social

15

SOURCES: POPULATION: UNITED NATIONS; U.S. CENSUS BUREAU. MOBILE: GSMA INTELLIGENCE. INTERNET: INTERNETWORLDSTATS; ITU; WORLD BANK; CIA WORLD FACTBOOK; EUROSTAT; LOCAL GOVERNMENT BODIES AND REGULATORY AUTHORITIES; MIDEASTMEDIA.ORG; REPORTS IN REPUTABLE MEDIA. SOCIAL MEDIA: PLATFORMS' SELF-SERVE ADVERTISING TOOLS; PRESS RELEASES AND INVESTOR EARNINGS ANNOUNCEMENTS; ARAB SOCIAL MEDIA REPORT; TECHRASA; NIKI AGHAIE; ROSE.RU. (ALL LATEST AVAILABLE DATA IN JANUARY 2019).



JAN
2019

DEVICE USAGE

PERCENTAGE OF THE ADULT POPULATION* THAT USES EACH KIND OF DEVICE [SURVEY-BASED]



MOBILE PHONE
(ANY TYPE)



91%

we
are.
social

SMART
PHONE



60%

LAPTOP OR DESKTOP
COMPUTER



22%

TABLET
DEVICE



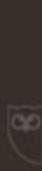
8%

we
are.
social

TELEVISION
(ANY KIND)



95%



DEVICE FOR STREAMING
INTERNET CONTENT TO TV



2%

we
are.
social

E-READER
DEVICE



1%



WEARABLE
TECH DEVICE



1%

18

SOURCE: GOOGLE CONSUMER BAROMETER (COLLECTED JANUARY 2018). *NOTE: PLEASE SEE THE NOTES AT THE END OF THIS REPORT FOR MORE DETAILS OF HOW GOOGLE DEFINES 'ADULT POPULATION'. ADVISORY: GOOGLE HAS NOT UPDATED ITS CONSUMER BAROMETER DATA SINCE OUR 2018 REPORTS, BUT WE BELIEVE THAT THE DATASET STILL OFFERS REPRESENTATIVE INSIGHTS INTO DIGITAL BEHAVIOURS IN THE FEATURED MARKETS.

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TIME SPENT WITH MEDIA

AVERAGE DAILY TIME SPENT CONSUMING AND INTERACTING WITH MEDIA [SURVEY BASED]



AVERAGE DAILY TIME
SPENT USING THE
INTERNET VIA ANY DEVICE



we
are
social

8H 36M

AVERAGE DAILY TIME
SPENT USING SOCIAL
MEDIA VIA ANY DEVICE



global
web
index

3H 26M

AVERAGE DAILY TV VIEWING TIME
(BROADCAST, STREAMING
AND VIDEO ON DEMAND)



2H 52M

AVERAGE DAILY TIME
SPENT LISTENING TO
STREAMING MUSIC



1H 22M

19

SOURCE: GLOBALWEBINDEX (Q2 & Q3 2018). FIGURES REPRESENT THE FINDINGS OF A BROAD SURVEY OF INTERNET USERS AGED 16-64. TIMES ARE DAILY AVERAGES, REPORTED IN HOURS
AND MINUTES. NOTE: SOME ACTIVITIES MAY TAKE PLACE CONCURRENTLY.

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Digital Era

Lifestyle Change



Health



Education



Technology can be used to reduce the most dangerous obstacles. The greatest risk is further isolation and loneliness

Advances in healthcare will improve the quality of life for an aging population but will also increase medical spending

This can lead to higher expectations and an increase in presentation ratings of content

Lifestyle Change



Healthcare



Education



Positive impact and Negative of Technology on Family



IMPACT OF TECHNOLOGY

- Technostress - a newly coined word used to describe the emotional state created by feeling unprepared for rapid changes in information processing
- Separatist environment individual, family, young generation



Positive and Negative Impact of Technology on Family Life

1. Smartphones, computers, and internet connections are very time-consuming. We spend so much time on screens.
2. Each member of the family has a personal screen, and we spend most of the time with him.
3. Parents have a habit of bringing work home and they are constantly busy with this. They do not have time to interact with their children.
4. Lack of quality time among family members.
5. Difficulty in face-to-face interactions. Children will only have a limited experience of interaction. This leads to a lack of self-confidence.
6. The appeal of those screens even interferes with family time.
7. Many families forget about outdoor activities.
8. Technology has a real impact on healthy habits.



1. Communicating with anyone is easier than ever (using Whatsapp, Skype, Facebook, Twitter and many other social networks). We can share and save any moment with family.
2. Inventions related to everyday life such as smart refrigerators, etc. help make family life more enjoyable. Wives feel free from homework and they have more time to enjoy their lives.
3. Families do not need to go to the store to shop, but buy by phone, laptop while at home. Family will have more time together
4. Home security system
5. Many communication apps and school portals help parents to more easily connect with their children when they are busy at work and don't have much time to visit school.
6. Technology also offers more job opportunities.



RESEARCH ON THE NEGATIVE IMPACT OF DIGITAL

1. Many people suffer from "Facebook jealousy", with those who do not use the popular site reporting that they feel more satisfied with their lives (University of Copenhagen)
2. The former model, who has 107,000 followers on Instagram, describes how social media can sometimes make her feel isolated (feeling quite lonely and anxious)5,208 subjects: regular use of Facebook negatively impacts individual well-being (American Journal of Epidemiology).
3. In 2018, more than a third of Generation Z from a survey of 1,000 people said they had taken social media off their feet for good. As many as 41 percent stated that social media platforms make them feel anxious, sad, or depressed.

<https://www.independent.co.uk/life-style/health-and-families/social-media-mental-health-negative-effects-depression-anxiety-addiction-memory-a8307196.html>

https://www.researchgate.net/publication/263567327_The_Parent_App_Understanding_Families_in_the_Digital_Age



SMARTPHONE ADDICTION

INFOGRAPHIC : ELEMENTS

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How are you ..



LOVE YOU

40%
WALKING

75%
BEDTIME

60%
TOILET



62%
EATING

52%
SELFIE

52%
CHILD



90%
FREE TIME



95%
TALKING



20%
DRIVING

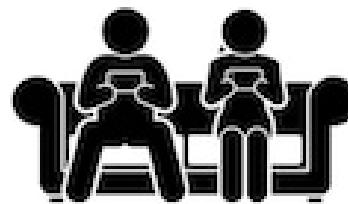
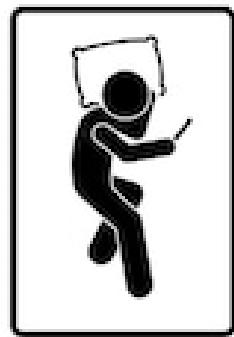
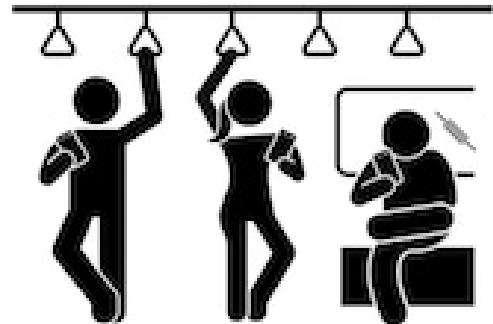
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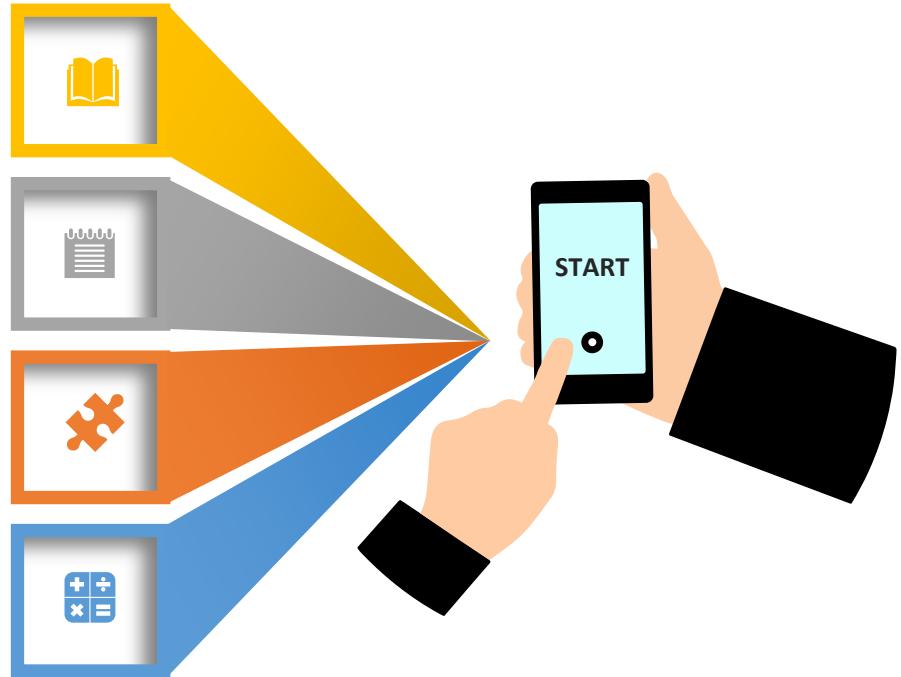
Impact of the Digital Age on Family Life

- ❑ Women's average age at first delivery continues to rise, delaying having children
- ❑ More men globally taking on responsibilities as caregivers, flexible work schedule

- ❑ They are more involved in many aspects of their children's lives; enabled by changing workplace environments and greater flexibility
- ❑ Millennial parents value spending time with their family
- ❑ Take advantage of online shopping
- ❑ Lifestyle choices

- ❑ Dependence on technology has led to the emergence of various online groups
- ❑ The growth of the millennial generation is sharing information online through social media.

Changes in Family Structure



Family Priority

Family Withdrawal Changes

Online community and collaboration





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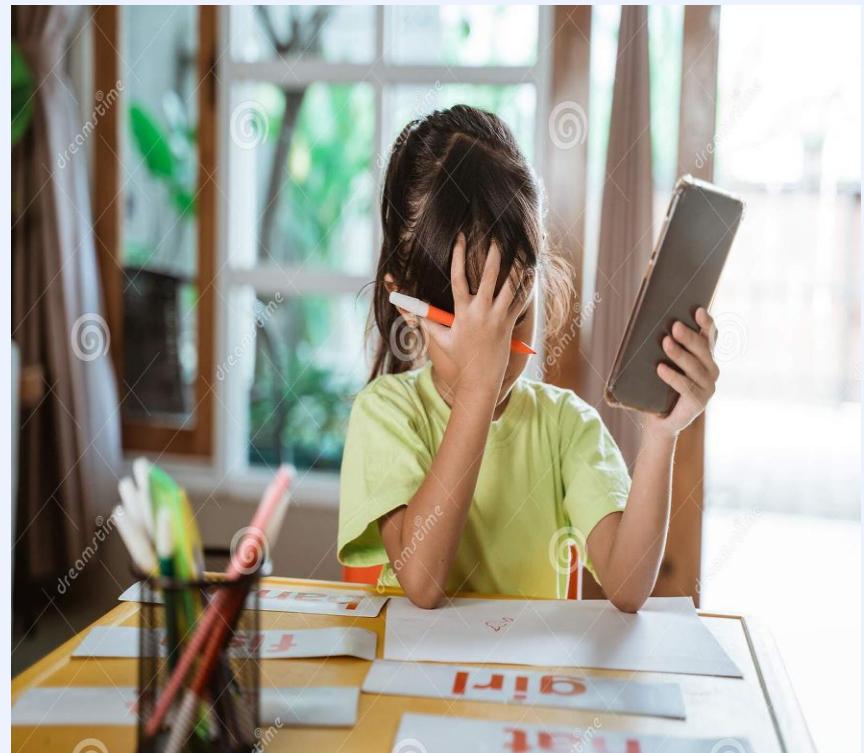




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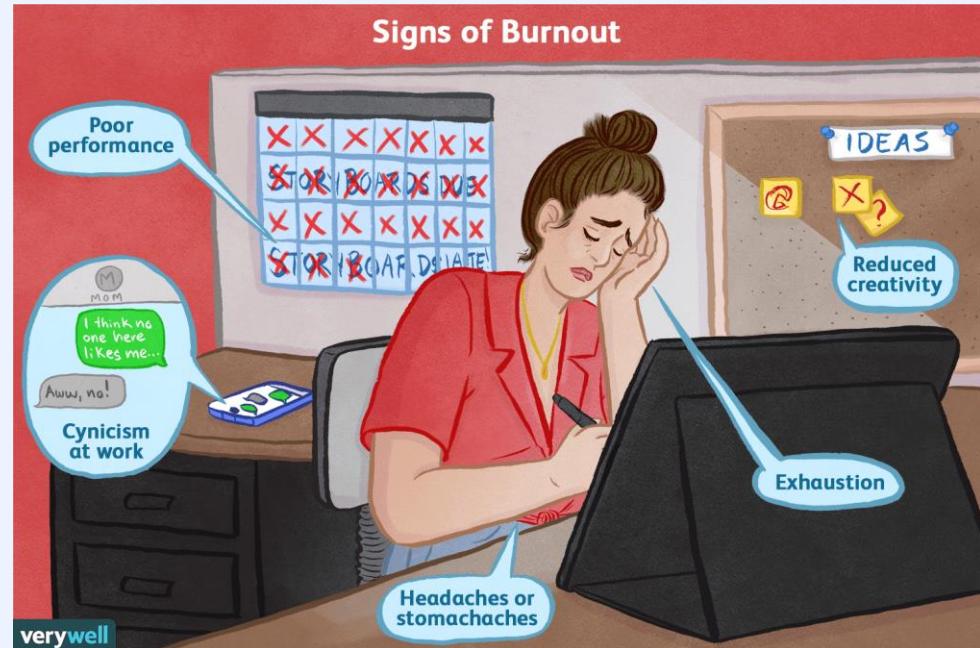


DEPARTEMEN
ILMU KELUARGA DAN KONSUMEN
Building Human Capital For Better Lives





PPM Management research noted that 80 percent of workers experienced symptoms of stress during the COVID-19 pandemic since March 2020



Family Trends in the Digital Era



Family Trend in Digital Era

- Urbanization is increasing
- The family is getting smaller
- Single households are increasing.
- Holiday Traditions
- Mobile Job



Smart Family Face Digital Era



Family Communication in the Digital Age

The Impact of the Covid-19 Pandemic and Advances in Communication Technology and Digital Informatics on Family Communication Habits

- The progress of communication technology and digital information technology.
- The existence of social restrictions, creates changes in work patterns (WFH) and education (online).
- Relying on the media and the internet.

Communication Technology and Digital Information

- *Online shopping platforms are growing rapidly as a result of the Covid-19 pandemic.*
- *Payment systems are also developing, e-commerce is starting to flourish, which consumers can use to pay for things online or electronically, such as Dana and OVO.*
- *The use of cellphones, laptops, the internet as facilities and media has also increased during the Covid-19 pandemic.*



Points of concern in managing family resources and communication:

1

Communication always occurs in an environment and context

2

Costs that must be incurred to meet family needs in communication

3

Paying attention to family needs and financial resources so as not to create consumptive behavior

4

The impact of the use of gadgets, applications, and sites used by children, and misuse of gadgets

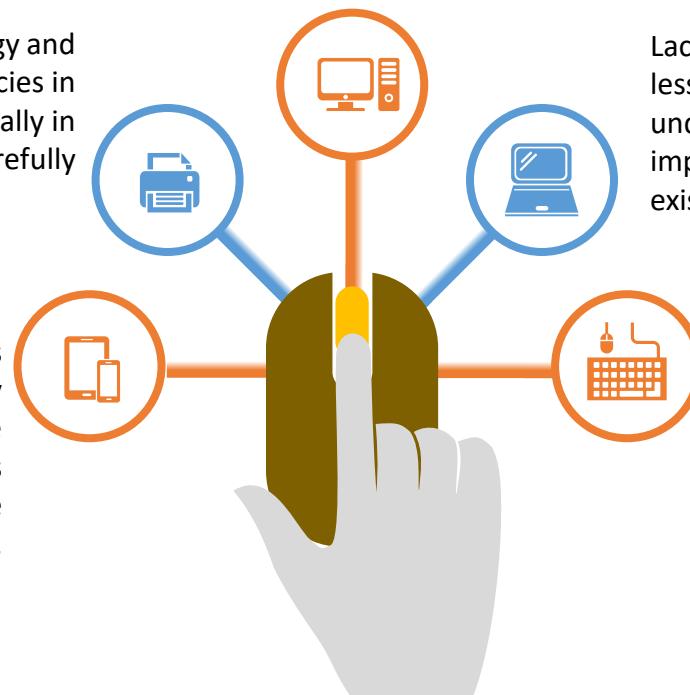
5

Online shopping habits

Family Financial Management in the Digital Era

Financial inclusion and financial literacy are like two sides of a coin, both of which must exist and complement each other and have a positive correlation

The development of technology and information can be used to support policies in forming a prosperous family, especially in managing finances properly and carefully



Basically, family financial management is setting priorities and planning family financial expenditure budgets that are need-oriented and prioritize benefits (utility) and try to reduce excessive desires.

Lack of access to financial services makes people less able to improve their welfare and also lacks understanding of financial services which has an impact on their ability to take advantage of existing opportunities.

The key to a prosperous family life is access to financial services and also being able to manage finances as an indicator of financial literacy

Fintech Development

(Pritama & Anfas 2020)

- The digital economy, which was first introduced by Tapscott (Tapscott, 1997) is a social phenomenon that affects the economic system, where this phenomenon has characteristics as an intelligence space, including information, various access to information instruments, information capacity and information processing.
- The components of the digital economy that have been identified for the first time are the ICT industry, e-commerce activities, digital distribution of goods and services
- Definition of Fintech:
 - Fintech refers to the use of technology to provide financial solutions (Arner et al 2015)
 - Specifically, Fintech is defined as the application of digital technology to financial intermediation problems (Aaron et al. 2017)
 - Broadly, fintech is defined as technological innovation in financial services that can produce business models, applications, processes or products with material effects related to the provision of financial services (FSB 2017)



Fintech category according to Bank of Indonesia

(Pratama & Anfas 2020)

1. Crowdfunding and P2P Lending

- Serves to bring together investors with capital seekers.
- Crowdfunding can be used to raise funds for social causes, work funding, etc.
- OnlineP2P Lending is a service to help small and medium-sized enterprises (SMEs) with capital to borrow funds even if they don't have an account

2. Market Aggregat

- Acts as a comparison for various financial products, where this Fintech will collect financial data as a reference by users
- For example, when consumers are looking for insurance products, consumers can provide personal financial data to the Fintech platform and the platform will match consumer data with insurance products that suit their needs.



3. Risk and Investment Management

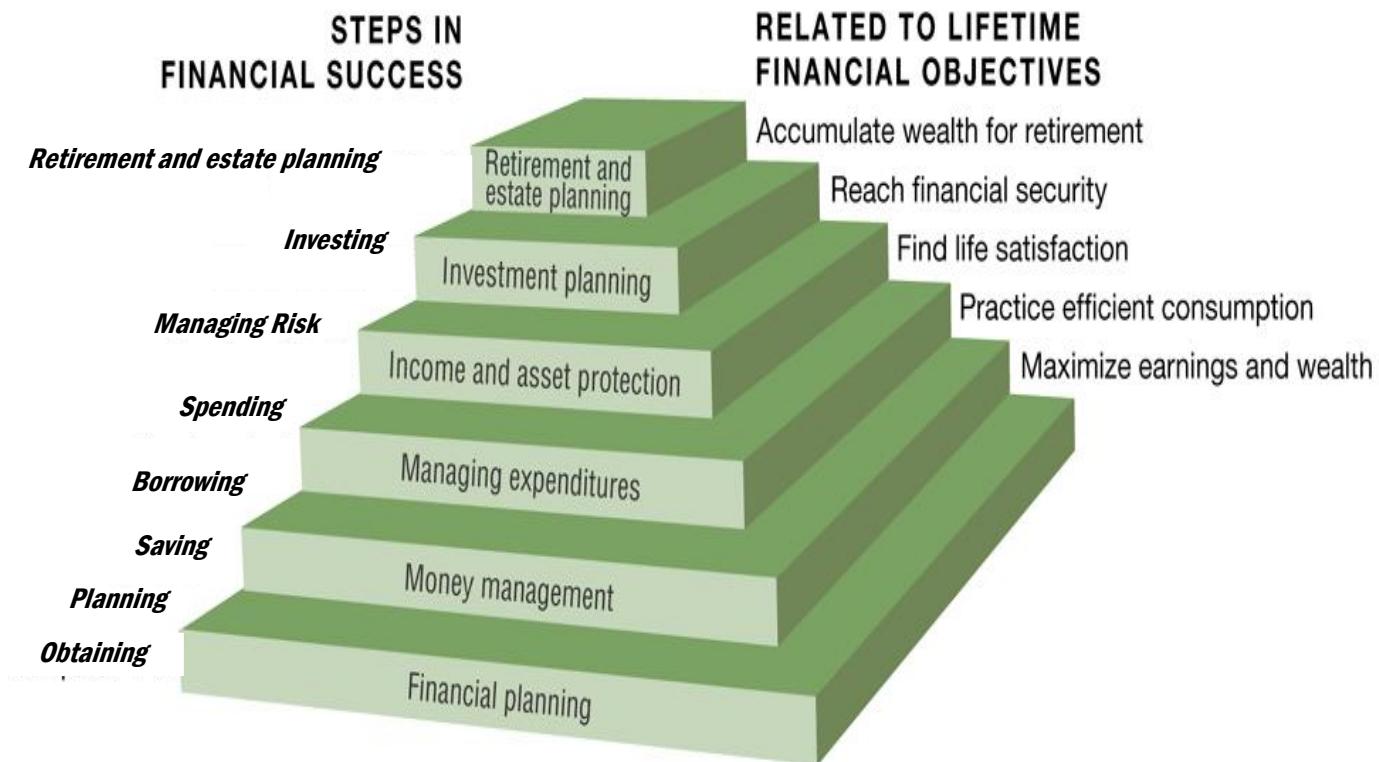
- Serves to help consumers do digital financial planning
- In addition to risk and investment management, there is also asset management which takes care of the operations of a business to make it more practical

4. Payment, Settlement and Clearing

- This type of fintech belongs to the payment category, such as payment gateways and e-wallets
- Payment gateway is a liaison between customers and E-commerce focused on payment systems
- Electronic money is a payment instrument for shopping, bills and others in the form of an application



Technology application for Family Financial Management



Technology application for Family Financial Management

No	Financial Planning Component	Decision Making	Technology application
1.	Obtaining	Income from work, investment, business	Technology also offers more job opportunities.
2.	Planning	Develop a plan to achieve goals, make a budget	Financial planning applications (budget planner) that can be downloaded: AndroMoney, Goodbudget, Bluecoins, Spendee, Money Manager, Money Manager Expense & Budget, Money
3	Management cash	Implementing the budget, controlling and evaluating it	<ul style="list-style-type: none">• Cash Management System (CMS) is a service or cash management service provided to customers who have deposits in banks, where each transaction is carried out based on customer orders.• CMS is operationally implemented with web platforms and mobile applications• This Fintech Account Aggregator will offer services that can accommodate all these transactions through one platform only. Users of this platform are given the convenience of verifying transactions because the process is fast and short



Technology application for Family Financial Management

No	Financial Planning Component	Decision Making	Technology application
4.	Saving	Financial security can be achieved by saving regularly for: emergency funds, unexpected expenses, buying dream goods, pilgrimage, traveling, etc	Of all the banks in Indonesia, almost every bank has a digital savings service that makes it easy for users to transact online only through smartphones and internet networks.
5.	Borrowing	Be wise in debt	<ul style="list-style-type: none">• P2P Lending,• Check legality at www.ojk.go.id or to no. WA 081-157-157-157• Fintech P2P lending companies usually facilitate parties who need loan funds with parties who want to invest by providing loans
6.	Spending	Spend according to plan, and no more than income.	<ul style="list-style-type: none">• Popular Digital Payment System: Mobile banking, SMS banking, Internet Banking, Electronic money (chip-based and application), ATM, Debit card, branchless banking agent, online virtual account, Electronic Invoice Presentment & Payment (EIPP), Payment gateway (transaction e-commerce)

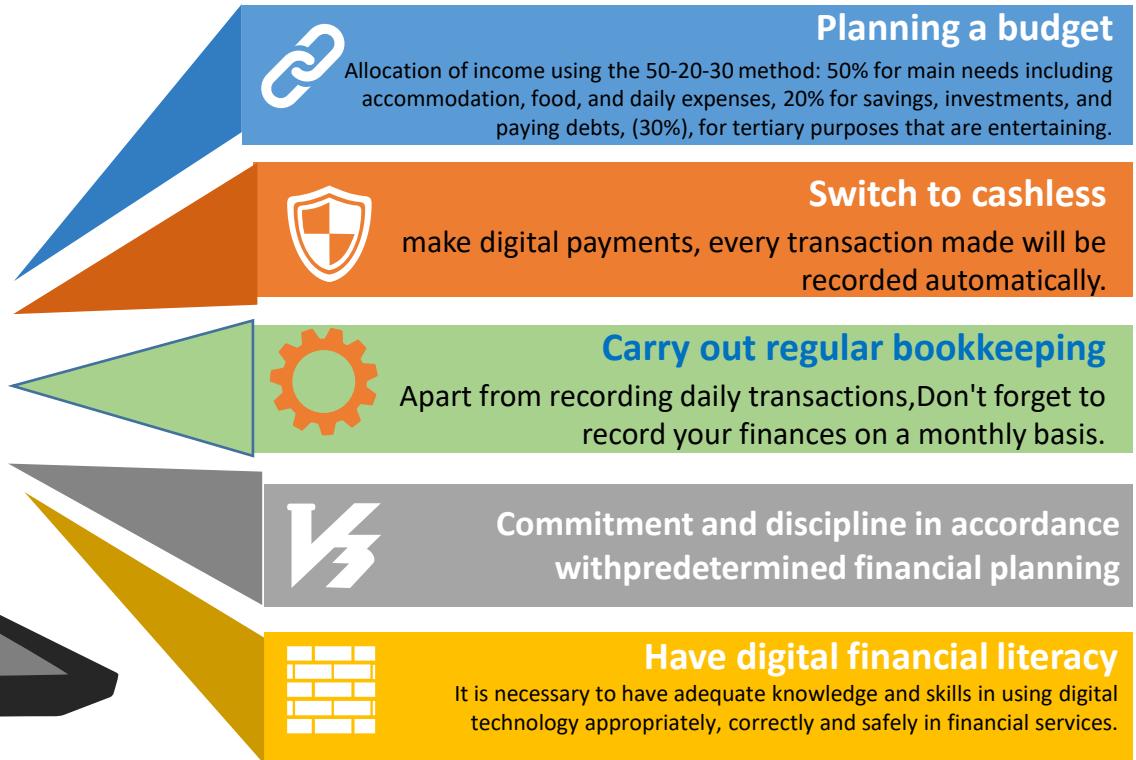


Technology application for Family Financial Management

No .	Financial Planning Component	Decision Making	Technology application
7.	Managing Risk	Choose the right insurance	<p>Information technology platform (fintech/fintech) insurtech or online insurance services.</p> <p>Most of the insurtech platforms in Indonesia only sell small risk insurance, such as life, health, gadget, vehicle, travel, accident, and property or disaster insurance.</p>
8.	Investing	Bonds, Mutual Funds, Stocks, cryptocurrencies, etc	<ul style="list-style-type: none">• Fintech P2P Lending, Fintech companies will invite other parties to become investors or funders. The investor or funder will transfer the funds to the company's account to then be distributed to the party who submitted it• Examples of Online Investments, namely: P2P, Mutual Funds, Stocks, International Stocks, International P2P, Online Gold Savings, Government Bonds, Forex, Robo Advisor, Futures Savings
9.	Retirement and estate planning	Happy in old age, can share and leave a good legacy	<ul style="list-style-type: none">• There are many apps available to help plan for retirement. From fun games for education to apps that help set priorities, from rigorous statistics to simple graphs – apps can help make retirement planning, customize it to your needs and make retirement planning an easy experience.• Example: The Retirement Retirement App, a free Android App, is a useful tool when making choices about how to structure your retirement savings . This app lets you compare projections for investments in a 401(k), Roth 401(k), Roth IRA or traditional IRA



Tips for managing finances in the digital era



Digital Literacy

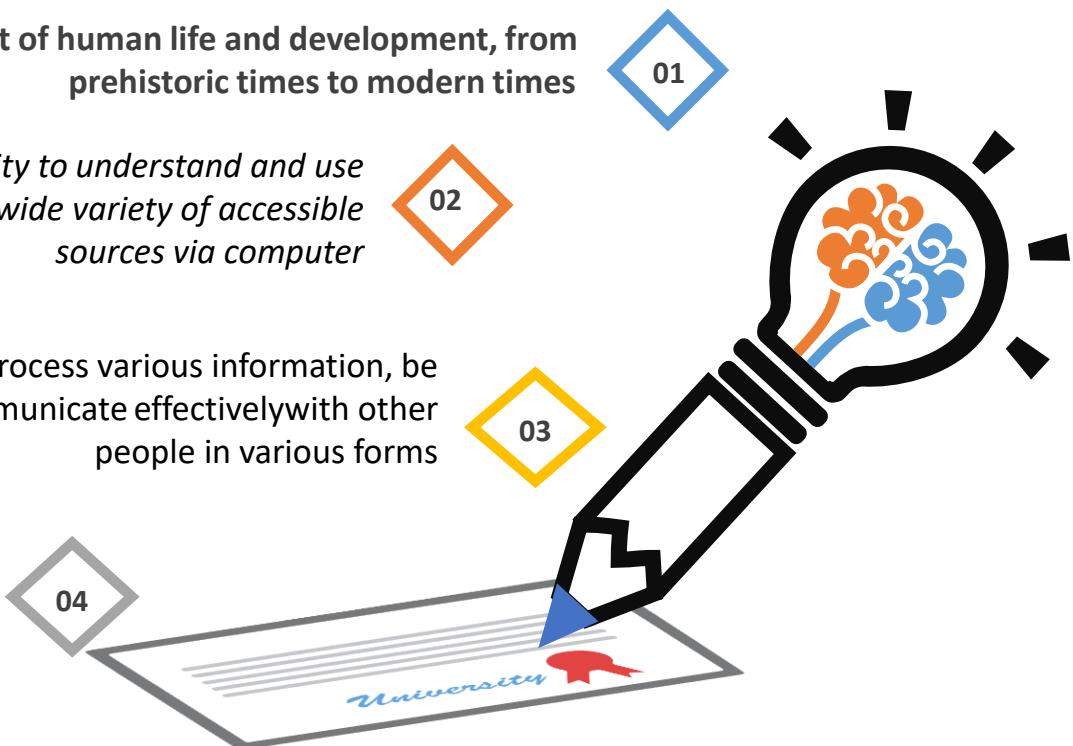
The importance of digital literacy

Literacy has become a part of human life and development, from prehistoric times to modern times

Digital literacy is defined as the ability to understand and use information in various forms from a very wide variety of accessible sources via computer

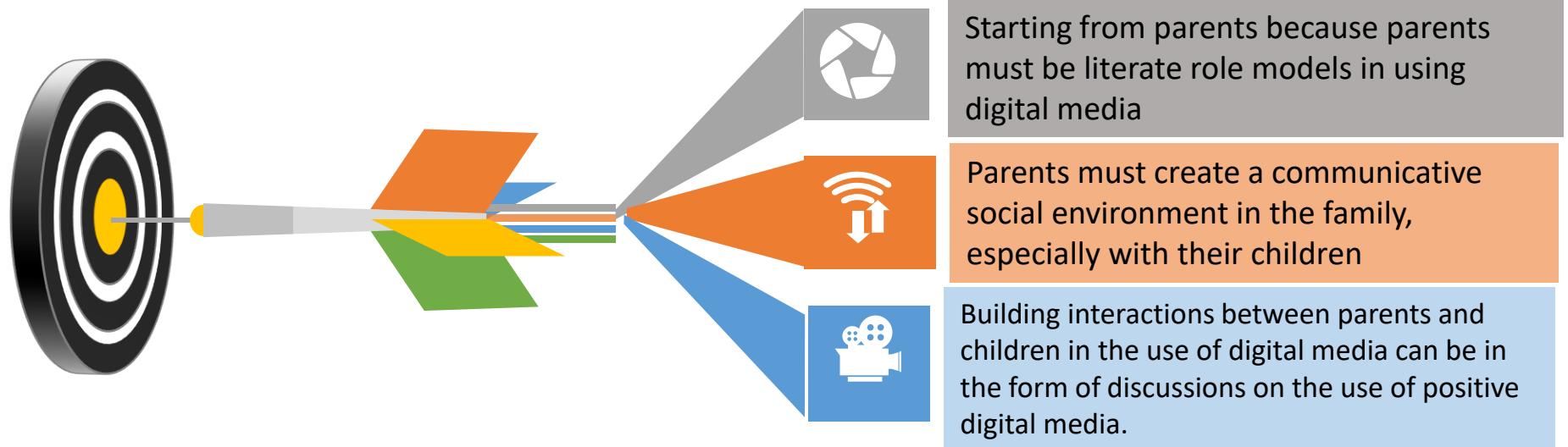
Being digitally literate means being able to process various information, be able to understand messages and communicate effectively with other people in various forms

In this case, the form in question includes creating, collaborating, communicating, and working according to ethical rules, and understanding when and how technology must be used to be effective in achieving goals.



Digital Literacy

Strategies of the Digital Literacy Movement in the Family



Opportunities and Challenges in the Digital Age Preparing the Indonesian Generation for the 21st Century

increasing e-commerce business opportunities, the birth of new jobs based on digital media

the emergence of a creative economy and new efforts to create jobs

existing internet equipment and networks can be used as media that can help them to develop their literacy skills without negating print-based texts



The number of young people who access the internet is very large, which is approximately 70 million people. They spend their time on the internet, either through mobile phones, personal computers, or laptops, approaching 5 hours per day

The high penetration of the internet for the younger generation is certainly troubling to many parties and the facts show that the data on access of Indonesian children to pornographic content per day reaches an average of 25 thousand people (Republika, 2017).

Unhealthy internet behavior is indicated by the spread of hoax news or information, hate speech, and intolerance on social media. These things are certainly a big challenge for parents, who have a responsibility and an important role in preparing the 21st century generation, a generation that has digital competence.

The younger generation who have the expertise to access digital media, currently have not matched their ability to use digital media for the benefit of obtaining self-development information

It is not supported by the increasing number of materials/information presented in digital media which are very diverse in type, relevance, and validation

Raising Children In The Digital Era

- Like it or not, smart devices are in our children's lives and they will remain.
- Parents must conform to 'digital age' requirements
- Too many older generations still believe that traditional parenting – which they did with their parents – is just as effective today as it used to be. But along with the changing times, strategies in directing children to the right path must adapt to their constantly evolving environment

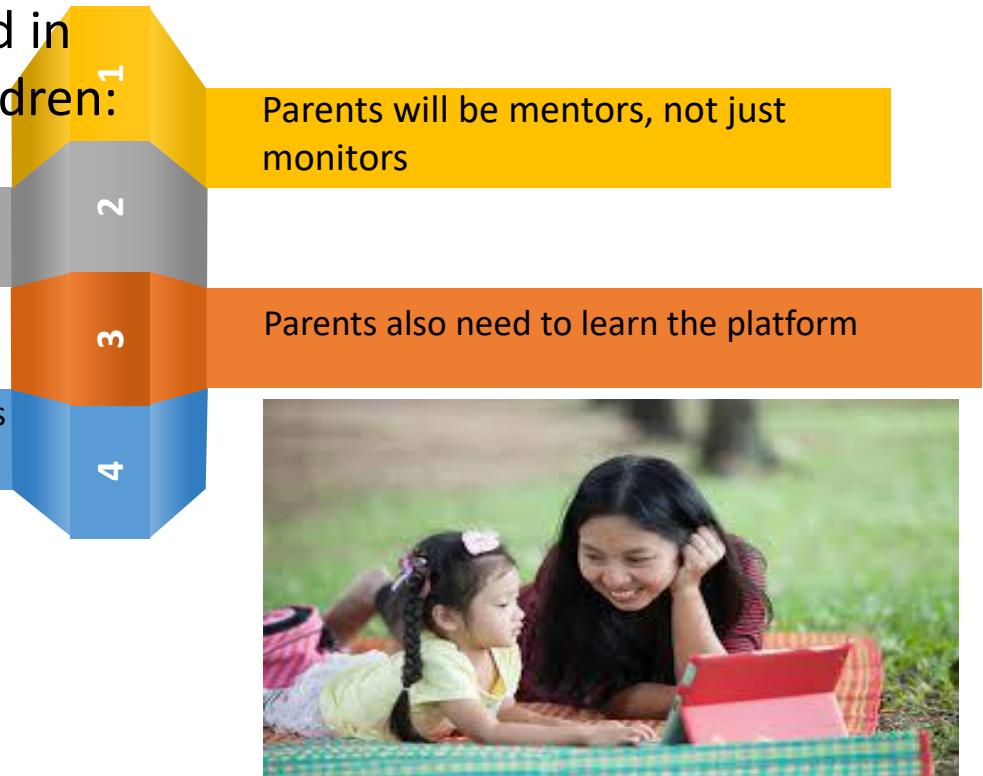


Raising Children In The Digital Era

Some things parents need to understand about getting involved in digital engagement with their children:

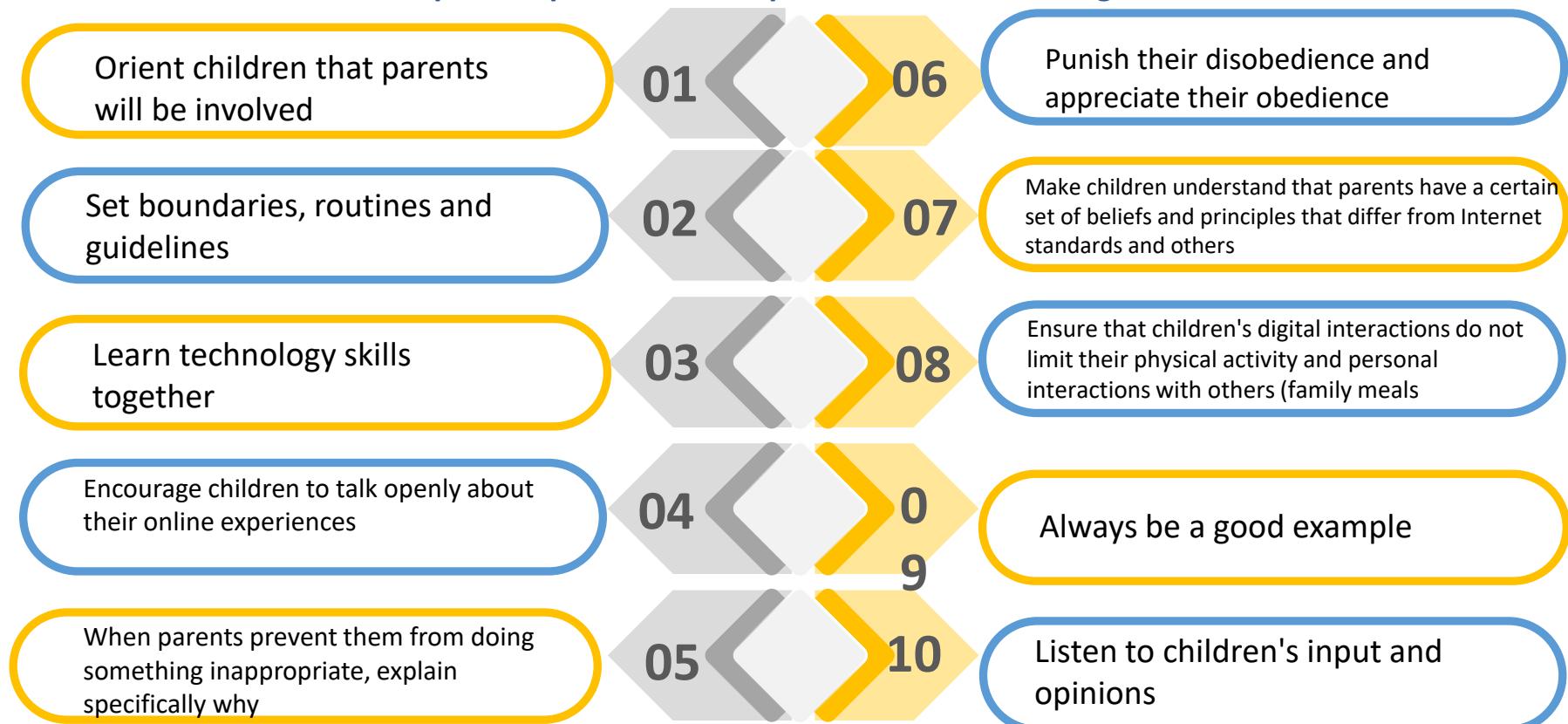
Technology is a tool with a purpose; it just depends on how the kids will use it

Children should understand that technology is not outside the authority of parents



Raising Children In The Digital Era

Tips to implement into a parent-child 'technical guide':



Raising Children In The Digital Era

Tips to implement into a parent-child 'technical guide':

Develop children's resilience to Internet threats and challenges

11

Seek advice from a technologist

12

Use parental control software on websites that are restricted to children

13

Limit the use of children by age

14

Make children understand that their self-esteem should not be dictated by the Internet

15

16

17

18

1

9

20

Explain to children that they should not believe everything they see on the Internet

Technology should solve problems not create them

Examine the influence of the internet on children

Store computers in a central location

Recognize the Dangers of Electronic Gadgets and the Internet



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**In Australia a restaurant give
10% off... If no cell phones are
used in the restaurant.**

**Parents love it...
Look at the kids....!! 😂**



Technology have made our life easier but we shouldn't compromise human values as well as family values while we are enjoying technology.



Referensi

- Goldsmith, EB. 2010. Resource Management for Individual and Families, Fourth Edition. New Jersey: Prentice Hall
- Pratama R & Anfas. 2020. Financial Issues. Sebuah Catatan Akademika. Penerbit Widina Bhakti Persada Bandung.
- Berbagai Sumber dari internet

Thank You

