

# *The iPad & Saudi Young Children: What Mothers Say*



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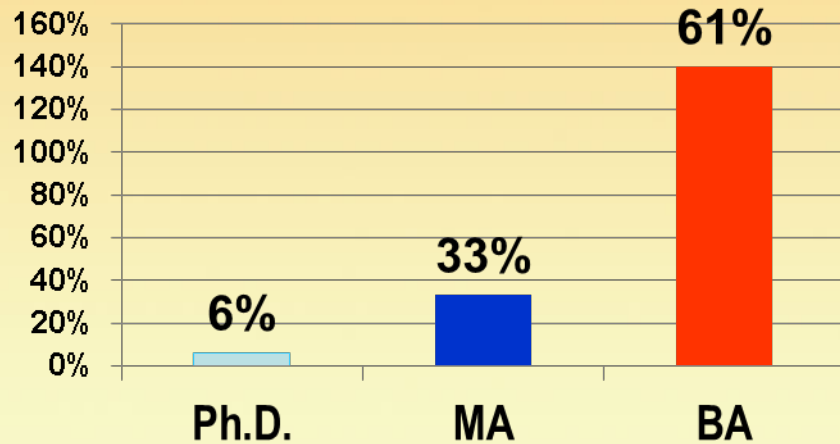
# Aims of Study

- To investigate use of the iPad by Saudi young children as reported by their mothers.
  - **how long** children use the iPad
  - **types** of Apps they use
  - **positive** and **negative effects** of the iPad on the cognitive, psychological, physical, emotional, social development.

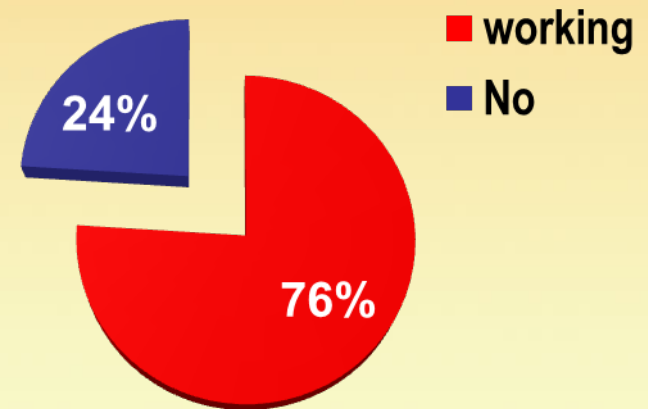


# Data Collection

**Educational level**



**Employment status**



- 134 mothers: Specialized in translation, English literature, educational technology, Islamic studies, social work, education, pharmacy.
- Questionnaire-survey sent by Whats App & e-mail.

# Results

## iPad Availability

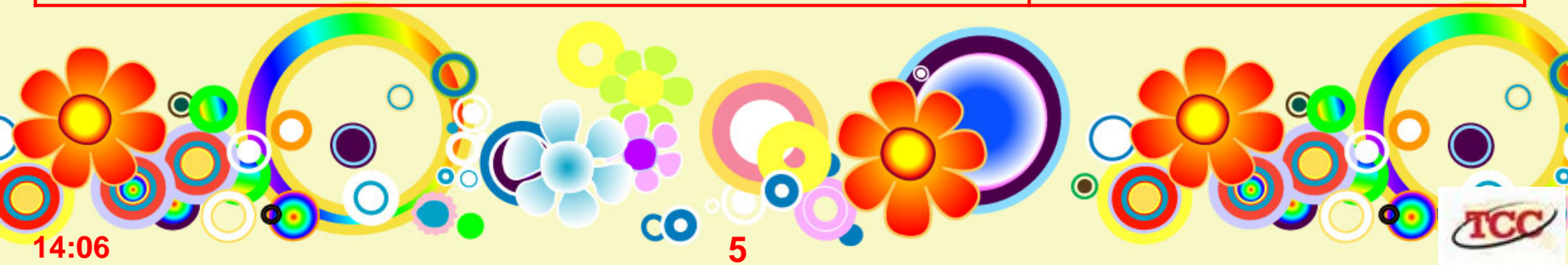
- **Each** child has an iPad = 50%
- All children **share** an iPad = 50%

## Best Age for Using the iPad

- There was a wide range of answers. Range = 2-20 years.
- 50% said ages 3, 4, 5 years

# Duration & Frequency of Use

Duration & Frequency of Use	% respondents
Less than 2 hrs a day	43.75%
3-4 hrs a week	18.75%
3-4 hrs a day	12.5%
Less than 2 hrs a week	9.38%
In holidays	6.25%
5-6 hrs a day	3.13%
Most of the time	3.13%
While having meals	3.13%



# Arabic Apps Used

- Games = 53%
- Educational = 37.5%:  
Names of fruits & vegetables, home decoration – Apps for taking photos – self-care- pottery-making – city design – space war – artwork – finding differences between shapes.

- Drawing = 25%
- Alphabet = 21.88%
- Cartoons = 21.88%
- Nursery rhymes = 15.6%
- Learning English = 15.6%
- Car racing = 15,6%
- Quran = 15.6%
- Animals = 12.5%
- Arithmetic = 12.5

# English Apps Used

Abc Song  
Agintus  
Angry Birds  
Bebop box  
Cake Making  
Candy Crush  
Clumsy Ninja  
Cookie Maker  
Counting Fun  
Dragon Vale

Egg Baby  
Flash Card  
Highway Rider  
Ice Cream Maker  
Kids Preschool  
Kik  
Measure  
Mickey Mouse Club  
House  
Nighty night

Professions  
Shape Puzzles  
Spy Mouse  
Subway Surfer  
Svz Defence  
Videos On Lego  
Fixing  
Animal Videos  
Words-Drawing Book  
Yummy Burger



# Positive Effects of the iPad on Kids

- Educational benefits.
- Children keep up with what's around them.
- Makes it easy for the child to use technology.
- The child understands better & learns faster
- Can locate information in a quick and easy way and in an interesting, enjoyable way.
- Entertaining the child when the mother is busy.



# Positive Effects of the iPad on Kids

- Availability of lots of useful Apps that equip the child with new skills.
- Memorize the Quran easily.
- Learn the alphabet, new vocabulary, names of animals, and arithmetic.
- Names of shapes and colors. Classification/sorting skills.
- Learning English.
- Kids develop cognitive skills
- Motivating the child to think through Jigsaw puzzles.



# Positive Effects of the iPad

- Kids learn how to help others and how to help their mother with the housework.
- They learn some psychomotor & perceptual skills
- They learn to focus on what is required
- They learn how to assemble things (lego) by watching YouTube videos.
- Learning some artwork.
- Kids develop accuracy, speed and time management.



# Negative Effect of the iPad on Kids

## Physically / healthwise

- 37.50% =>> affect **vision**
- 34.38% =>> lack of physical mobility, **laziness**, **obesity**
- Stiff **neck**, occasional **headaches**, exposure to **glare**, **staying up** late.
- Lack of **appetite**. Do **not** want to **leave** the iPad
- **Refuse** to **eat** unless they watch their favorite videos.
- They do not develop physical skills as they do not **play** outdoors.



# Negative Effect of the iPad on Kids

## Socially:

- Desire to be **alone**. They do **not mix** with others
- Rarely talk and **communicate** with parents
- They **stay away** from the family, keep **busy** with the iPad as a result they do not develop **social skills**.
- They do not like to **participate** and play with other children.
- They do **not** enjoy playing with others because they **identify** with the iPad.
- Become **aggressive** if games are violent.



# Negative Effect of the iPad on Kids

## Lingusistically:

- Rarely talk when using the iPad
- Some videos contain bad language which the child might learn and use without knowing their meanings.
- Delayed language development.

## Religionwise:

- Negative effects on faith as some games contain amulets and offerings, bowing to statues.



# Negative Effect of the iPad on Children

## Emotionally:

- Impatient, tense, short-tempered.
- Addiction & attachment to the iPad and games
- They lose temper, especially in games that require concentration and speed, when the battery is low
- Selfishness.
- Some turn into a fit, if the iPad is taken from them.



# Negative Effect of the iPad on Children

## Cognitively:

- **Distraction**, lack of concentration on what's around them because of **engagement** with **games**.
- **Respond slowly**, do not pay attention to other things.
- **Drains** their brain.
- Do not acquire some **cognitive skills** as in playing outdoors and **assembling** toys.
- Lack of interest in solving **math problems** even if presented on the iPad.



# Negative Effect of the iPad on Children

## Others:

- Difficult for parents to **control** what children **watch** online. They are afraid of accessing undesirable websites.
- Owning an iPad has become **fashionable**. Kids **imitate** each other. kids insist on **buying** one.
- **Insisting** on using it, especially before **bedtime**.
- Kids refuse to play **non-electronic** games.
- Addiction to some **wrestling** & You Tube **video games** that are **unsuitable** for their age, & affect their behavior & L.
- **Imitating** what they see, whether it is real or not.



# Recommendations

- Controlling the use of the iPad by setting a **schedule**.
- Setting a **time limit**.
- Parents should **supervise** what the children watch on and do with the iPad.
- Using the iPad in **holidays** and over the **weekend** only.
- Not to focus on games only.
- Parents **try** educational **Apps** and games before children use them.





تعليم الحروف العربية  
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Arabic Learning  
Marlu Studio FREE



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Kids Learn: Arabic  
Badawi Tech FREE



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pixels FREE



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Mohamed Elw FREE



أبجد والأرقام للأطفال  
Real Dream FREE



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سبنوس : تطبيقات FREE



## Reading, math Apps





Teach your child  
Simplexso **FREE**



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mohamed bro **FREE**



عدنان معلم القرآن  
Tag Media **FREE**



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الحافظ الصغير  
App Trainers **FREE**



Quran for Kids  
Simplexso **FREE**



نعال الوضوء و الصلاة  
zadgroup **FREE**



المعلم ترديد - المنشاوي  
exbound **FREE**



Muslim Kids Edu  
Mohammed J **FREE**



حفظ القرآن الكريم  
14:06



تعليم القرآن للأطفال



تعليم المعلم للأطفال



تعليم المعلم للأطفال



المعلم ترديد - المنشاوي



حفظ القرآن الكريم

# Quran Apps





أطفال قبل النوم 2015  
shery apps **FREE**



فصص الاطفال  
MobiArabia **FREE**



قصص صوتية للأطفال  
Quiz Andro **FREE**



قصص للأطفال متنوعة  
Verdo Apps **FREE**



فصص الاطفال  
gameOne **FREE**



المضحكة بدون انترنت  
zorogo **FREE**



قصص اطفال  
The Best App **FREE**



قصص للأطفال الممتعة  
Tamer Mohar **FREE**



Stories .. Tells th  
RwabeeApp **FREE**



قصص القرآن للأطفال  
700apps **FREE**



فصص اطفال متنوعة  
OsamahAsad **FREE**



فصص ما قبل النوم  
Lisbon Labs **FREE**



فصص الأطفال



قصص ألف ليلة وليلة



قصص اطفال بدون انترنت



قصص جحا بدون انترنت

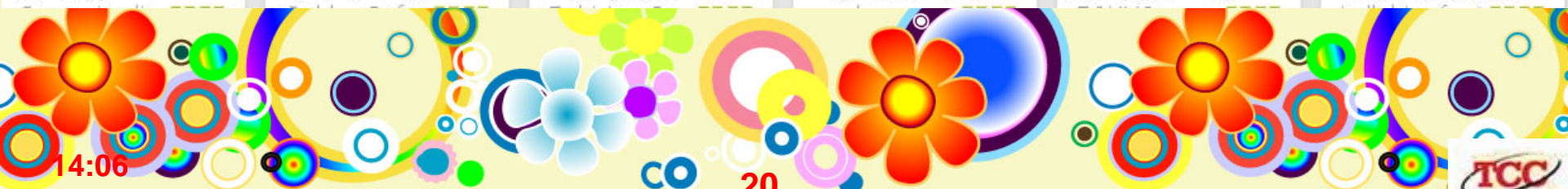


قصص الاطفال قبل النوم



Nursery Rhymes

## Stories Apps





تعليم الأرقام العربية مجاناً  
4enc.com FREE

Numbers Garden  
Mind Leak FREE

أروف والأرقام للأطفال  
Real Dream FREE

أروف والأرقام للأطفال  
pixels FREE

Arabic Letters App  
ALSHAHD API FREE

كتابة الأرقام العربية  
S | سببوس : تطبيقا FREE



جنة الأرقام

Kids games: learn

Muslim Kids Education

قام والفواكه المصنوعة

تعليم الأرقام

Kids ABC and Numbers

## Miscellaneous Apps



صحية وشهية للأطفال

الرسم

التلوين للأطفال

رسم وتلوين للأطفال

خضار وفواكه للأطفال

رسم و تلوين



أرقام

حديقة الحيوانات

تنويم الاطفال

الخضروات والفواكهة

العب مع الحيوانات

المزرعة - لعبة أطفال



كيب الحيوانات للأطفال



animals sounds



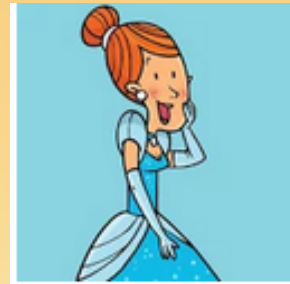
كرتون أطفال



Story قصص الاطفال



الالعاب أطفال

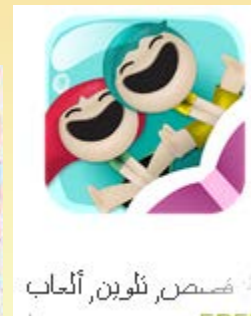


سندريلا

## Miscellaneous Apps



رسوم متحركة



قصص، نلوين، ألعاب



مصورة شيفة للأطفال



الاميرة الحسنة



قصص للأطفال



قصص عصفير



شرطة الأطفال



اغاني كرتون أطفال  
Power Pro FREE



قصص الاطفال  
MobiArabia FREE



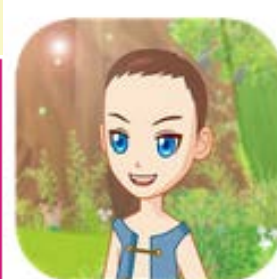
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كرتون اطفال



لعبة ذاكرة الأطفال



عالم كرتون قديم



وكرتون وأغاني أطفال

# Thanks For Your Attention!

