

# Insights on Findings and Recommendations

2021 PIDS Public Webinar:  
Presentation of the study entitled  
“Future S&T Human Resource  
Requirements in the Philippines:  
A Labor Market Analysis”

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**DOLE initiatives:**

**Gearing up for the Fourth  
Industrial Revolution (FIRe)**

# General Policy Thrust

**Preparing the workforce through:**

**Skills development**

**Skills qualifications and alignment**

**Up-to-date labor market information (LMI)**

**Timely policy research and advocacy**

# **Inter-Agency partnership on Skills Framework and Roadmap for Industry 4.0**

**Working closely with TESDA  
for the full implementation of  
its NTESDP 2018-2022**

# **Enhancement of the education-employment linkage through the Philippines Qualifications Framework**

**JobStart Philippines Program:  
Active involvement of  
private sector employers;  
with life skills component**

# **Improving the Career Guidance Advocacy Program (CGAP)**



**Policy research and advocacy:  
Social dialogue on FIRe and  
the changing world of work**

# **Updating of LMI Report on future skills need in light of the COVID-19 pandemic**

# **Insights on the PIDS study's findings & recommendations**

# Key Areas of Concern

**Focus on the following:**

**Encouraging the young population to go into S&T fields**

**Scholarships and future employment of S&T graduates**

**Understanding other factors that affect the supply of S&T workers**

# **On encouraging the young population to go into S&T fields**



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**Insight:**

**May consider policy actions on how to “start them young”, or how we can build-up the interest and reinforce the learning capacity of students on math and science.**

# **Building-up and sustaining students' interest in math and science**

## **Policy Issue:**

**Not just fostering positive attitude of elementary students towards math and science, but how to maintain their interests on the said subjects up to the tertiary level.**

# **Building-up and sustaining students' interest in math and science**

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## **Recommendation:**

**Make the teaching and hence, learning, of math and science FUN—from grade school up to college.**



# **Building-up and sustaining students' interest in math and science**

## **HOW?**

**Complement traditional methods of teaching with innovative teaching methods such as (1) discovery-based methods; (2) context-based teaching; (3) inquiry-based learning; and (4) collaborative learning**

# **Reinforcing the learning capacity of students on math and science**

## **Policy Issue:**

**There will be students who will fall behind in the learning process and will have low, if not failing grades in math and science. We must accept this fact and think of ways to address the problem.**

# **Reinforcing the learning capacity of students on math and science**

## **Recommendation:**

**Government to invest in remedial education by institutionalizing the establishment and maintenance of Learning Resource Centers (LRCs) in all public educational institutions.**

# Reinforcing the learning capacity of students on math and science

**What are LRCs?**

**LRCs referred to  $\neq$  libraries**

**UP System LRCs: “Supplement, complement, and coordinate all learning assistance programs and instructional support services to students.” (UP OVCSA)**

**DLRC (UP Diliman): Provides free peer-assisted tutorials in Mathematics, Science, and Engineering Sciences**

# **On scholarships and future employment of S&T graduates**

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## **Recommendation (1):**

**Encourage government agencies that have substantial need for workforce with S&T background to provide scholarships to undergraduate students taking S&T courses.**

# **On scholarships and future employment of S&T graduates**

## **Recommendation (2):**

**Said agencies may consider offering “from scholar to staff” type of scholarship grants.**

# **On understanding other factors that affect the supply of S&T workers**



# **On understanding other factors that affect the supply of S&T workers**

## **Comment/Insight:**

**DOLE-ILS will be happy to partner with PIDS on the matter through a future collaborative research endeavor.**

# End of Presentation

