The Knack to Student Success

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**COMPANY**

**Knack** is a US-based technology company that identifies people’s potential via mobile games & behavioral science.
As a person plays, Knack’s algorithms analyze the micro-behavioral data stream, compute the person’s behavioral attribute fingerprints, and predict future behavior.
ALGORITHMS IDENTIFY POTENTIAL

Digital algorithm portfolio of validated predictive data models that measure specific abilities and skills (Knacks), career potential (Superknacks), and custom talent identification (Ultraknacks)

35 Knacks covering 5 Behavioral Domains – Learning, Thinking, Engagement, Impact, Relationships

- Gritting Things Out
- Catalyzing Change
- Imagining & Innovating
- Focusing on Details
- Having a Digital Mindset
- Adapting to Change
- Rapid Learning
- Working Collaboratively
- Thinking Creatively

100 Superknacks covering 17 career domains

- Marketing
- Human Resources
- Sales Associate
- Software Developer
- Data Science
- Financial Adviser

Ultraknacks (customized for any purpose)
**EDUCATION PATHWAY KNACKS**

*Education Pathway Knacks* are the newest addition to our portfolio of game-powered AI algorithms that help people from all socioeconomic backgrounds identify their most promising education paths across 16 clusters:
Knack offers highly customizable tools for organizations

**Knackalytics**
Knack Business Application

**Knack Games**
Talent mobile app

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Technology & Data Infrastructure
Validated Data Models
Knack R&D
STUDENT FEEDBACK FROM 183 HIGH SCHOOL SENIORS

84.4%

Found their Knack results to be “very” or “extremely” useful

81.4%

Reported that their Knack results gave them direction for their education or career

96.1%

Were optimistic about the future after seeing their Knack results
THE KNACK ADVANTAGE

- Identify human potential
- Mobile friendly
- Data-driven decisions
- Rapid, efficient workflow
- Massive reach
- Removes bias
- Infinite scale
- Consistency and low cost
The ISAC and Knack Partnership

• ISACorps

• Professional Development

• Career Exploration for Students
How to Get Students Started

• Download the Knack Games Application on a mobile device or tablet

• Students should go to the App Store or Google Play Store on their device and search for “Knack Games”

• Students will then download the “Knack Games” application on their device
HOW TO SET UP AN ACCOUNT

• If possible, have students set up their account prior to facilitating a lesson.

• Students will need to open the Knack Games app and select “Play to get your Knacks!” They will then need to log in with their school email address.
How it Works

• To begin, users will play three games:
The Games

• What is Dashi Dash?
  • Assist the waiter/waitress serve sushi that matches the client’s nonverbal facial expression. Don’t forget to pick up the dirty dish!

• What is Bomba Blitz?
  • Use water balloons to extinguish the fire launching imps before they burn your flowery friends and get to the contraption.

• What is Meta Maze?
  • Create a path within a maze in order to connect two space robots.
Results

• After candidates complete all three games, they receive two sets of results: Knacks and Superknacks

  • **Knacks** represent their most prevalent skills and natural abilities

  • **Superknacks** demonstrate a particular career aptitude

• [www.knack.it](http://www.knack.it)
How Knack will be used in schools

The workshops developed will help students:

• identify their natural strengths (i.e. knacks)
• learn about the various skills associated with their knacks
• discover potential careers (i.e. Superknacks)
• Take an in-depth look at one potential career and identify:
  ❖ Job description (wages, working conditions, etc.)
  ❖ Preparation/degree
  ❖ Current involvement (sports, clubs, relevant courses)
  ❖ How the career may benefit their community
# Overview of Knack Workshops

<table>
<thead>
<tr>
<th>Lesson 1</th>
<th>Lesson 2</th>
<th>Lesson 3</th>
<th>Lesson 4</th>
<th>Lesson 5</th>
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<tbody>
<tr>
<td><strong>Knack-a-thon</strong></td>
<td>Students play the Knack Games</td>
<td>Students complete the Knack Results worksheet</td>
<td>Knack BINGO!</td>
<td>My Superknack exploration &amp; creation</td>
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<td>My Superknack presentations</td>
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*Based on 45-min class periods, but can be altered to fit the needs and availability of the school/Corps member*
Knack results Worksheet – Page 1

Name: ___________________________

**Your Knacks**

Use your knack results to complete this worksheet. Fill in the name of the knack, as well as the skills associated with each knack.

<table>
<thead>
<tr>
<th>Knack</th>
<th>Skill 1</th>
<th>Skill 2</th>
<th>Skill 3</th>
<th>Skill 4</th>
<th>Skill 5</th>
<th>Skill 6</th>
<th>Skill 7</th>
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</table>
Your Superknacks: Careers

Please use your Superknacks results to complete this worksheet. List three careers that are shown on your results that you are most interested in pursuing in your future.

1. Career: ____________________________  
   Field: ____________________________  
   Please list the skills you think would help you to be successful in this career:
   __________________________________________  
   __________________________________________  
   __________________________________________  

2. Career: ____________________________  
   Field: ____________________________  
   Please list the skills you think would help you to be successful in this career:
   __________________________________________  
   __________________________________________  
   __________________________________________  

3. Career: ____________________________  
   Field: ____________________________  
   Please list the skills you think would help you to be successful in this career:
   __________________________________________  
   __________________________________________  
   __________________________________________  

Name: ____________________________
Knack BINGO

Using your Knack results worksheet, please write your knacks in the boxes below. Please only include one knack per box.

<table>
<thead>
<tr>
<th>Balancing Emotions</th>
<th>Rapid Learning</th>
<th>Getting things done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Being Careful</td>
<td>Self Starting</td>
<td>Not giving up</td>
</tr>
<tr>
<td>Leading + Motivating</td>
<td>Taking Ownership</td>
<td>Seeking Knowledge</td>
</tr>
</tbody>
</table>
My SuperKnack

How can my education/career choice benefit my community?

Education can benefit my community in two ways. My peers can look up to me and my family can be proud of me. Also, as a mental health counselor I can help people overcome their problems and help them get better.

What have you learned about yourself?

I never thought about becoming a counselor. I thought of counselors as just listening to people’s problems but I didn’t know that counselors help develop plans to get people back on track to a more healthy life.

Mental Health Counselor

Manuel Talavera
Elementary School
Grade 7
Skills & Abilities

Career: Mental Health Counselor
Career cluster: Health & Human Services

<table>
<thead>
<tr>
<th>Wages</th>
<th>$39,000</th>
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<tbody>
<tr>
<td>Employment</td>
<td>Medium</td>
</tr>
<tr>
<td>10 year growth</td>
<td>Average</td>
</tr>
<tr>
<td>Annual Opening</td>
<td>High</td>
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</tbody>
</table>

Typical workday:
1. Mental health counselors help their patients develop skills and strategies for dealing with their problems.
2. Modify patient treatment plans as needed.

Skills
1. Have the interpersonal skills to connect with patients
2. Can keep their emotions in check when stressed

Top Knacks:
1. Reading emotions
2. Taking someone else’s perspective
3. Solving problems

How will these top knacks help you?
I feel that solving problems, reading emotions, and empathy will help me become a great counselor. After researching the position, these knacks are at the backbone of what a counselor does day to day.

Education Preparation

To work as a mental health counselor, you typically need to:
- have a high school diploma or equivalent
- complete a bachelor’s degree in psychology, sociology, or social work
- complete a master’s degree in mental health counseling or social work
- complete an internship; and
- have a license.

Helpful electives to take in high school that prepare you for this occupation include:
- Anthropology
- Child Development
- Psychology
- Sociology

Knowledge:
- Psychology: People, their actions, and mental processes and how to treat problems.
- Therapy and Counseling: The mental or physical problems and methods for treatment.
- Customer and Personal Service: Providing special services to customers based on their needs.
- Sociology and Anthropology: Where people come from and how they behave.

Involvement
1. Volunteer every Saturday morning at a food bank.
2. I help my mother with babysitting my younger siblings.
Using Knack with Students

• Students’ **knacks** are the building blocks for them to consider how they can expand on their strengths

• **Superknacks** are careers that they may be *naturally* good at

• Use an asset-based approach when talking with students about their Knacks and Superknacks
Thank you.

Discover your Knacks at

https://knack.app.link/nW9URXB0GI