What We Measure and Sample Exercises

Youscience®

Aptitudes
- Inductive Reasoning
- Idea Generation
- Spatial Visualization
- Sequential Reasoning
- Numerical Reasoning

Interests
- Realistic
- Enterprising
- Investigative
- Social
- Artistic
- Conventional

Opportunities
- Best-Fit Careers
- Planning Tools
- Educational Pathways
- Comprehensive Career Profiles

Exercises used to tap
aptitudes & interests

PERSONAL APPROACH

reveals how you naturally approach work at your job, in a class, or in your personal endeavors. These results identify the role on a team that best suits you, the environment you most likely prefer, and the means you naturally use to accomplish tasks and reach your goals.

CORE DRIVERS

are the aptitudes that can most deeply predict how effective and content you'll be doing a particular type of work, either in a job, in a class, or elsewhere. They are the natural gifts that people feel driven to use, and you'll miss them if you don't put them to work somewhere in your life.

PRACTICAL AMPLIFIERS

reflect your ability to do quick number crunching and to lock facts & figures into your memory tight.

VISUAL AMPLIFIERS

reflect your knack for absorbing information visually - numbers, patterns, movements - you've got it down pat!

Visual Comparison Speed

- How quickly can you spot differences between written numbers shown side by side?

- How fast can you catch a discrepancy?

Visual Comparison Speed
How quickly do you perceive details?

NUMBER OF PAIRS
240 PAIRS

TIME AVAILABLE
5 MINUTES

You'll see several pairs of numbers. Compare the numbers to see if they are alike or different. If the numbers are alike, press **"L"**. If the numbers are different, press **"D"**.

Once you begin, the **L** and **D** keys are the only valid keys. All other keys, including Enter and the mouse will be ignored.

Once you enter an answer the cursor automatically advances to the next pair. When the last pair on the screen is completed, you'll automatically advance to the next screen.

Practice — Visual Comparison Speed

You can only use the L and D keys.

Enter "L" if the numbers are LIKE each other.

Enter "D" if the numbers are DIFFERENT.

56		65
9243561		9243561
87354		87354
57165239		57162539
		1432

Visual Comparison Speed
How quickly do you perceive details?

NUMBER OF PAIRS
240 PAIRS

TIME AVAILABLE
5 MINUTES

You are about to start a timed exercise!

REMEMBER:
- You will not be able to return to directions once the exercise starts.
- **L** and **D** are the only valid keys. You cannot use the mouse.
- You cannot go back or skip ahead.

TIPS:
- Work as quickly and accurately as you can.
- Find the **L** and **D** keys before you begin.

Click **Begin Exercise** to start.

◀ BACK TO DIRECTIONS   **BEGIN EXERCISE**

Numerical Reasoning

- This shows how quickly and accurately you identify complex trends & relationships among numbers.

- Code-cracking? Economic forecasting? That's Numerical Reasoning at work.

Numerical Reasoning
Do you think in patterns?

NUMBER OF PATTERNS
23 PATTERNS

TIME AVAILABLE
15 MINUTES

BOOKMARKING
AVAILABLE

Each item shows a series of numbers forming a specific pattern according to some rule. Your objecti and determ

Use the mo press **Enter**

If you're uns the end if th

You are doi calculator. Y

REVIEW BOO

Practice | Numerical Reasoning: Pattern 1 of 2 | 01 02

You can only use the A, B, C, D, and E keys.

Select the answer that best completes the number pattern.

2 4 6 8 10 ___

A	20
B	14
C	12
D	32
E	8

00 ANSWERED
02 UNANSWERED
CURRENT
00 BOOKMARKED

NEXT PATTERN | BOOKMARK ITEM

Practice | Numerical Reasoning: Pattern 1 of 2 | 01 02

You can only use the A, B, C, D, and E keys.

Correct!

Letter C, "12", is correct because it completes the pattern established by adding 2 to each preceding number. Click **Next Pattern** or press **Enter** to continue.

2 4 6 8 10 ___

A	20
B	14
C	12
D	32
E	8

01 ANSWERED
01 UNANSWERED
CURRENT
00 BOOKMARKED

BACK TO DIRECTIONS

Numerical Reasoning
Do you think in patterns?

NUMBER OF PATTERNS
23 PATTERNS

TIME AVAILABLE
15 MINUTES

BOOKMARKING
AVAILABLE

🕐 **You are about to start a timed exercise!**

REMEMBER:
- You may use scratch paper, but not a calculator.
- You have 15 minutes to complete 23 patterns.

TIPS:
- Keyboard users may click **Enter** to continue.
- Recheck your answers only if there is time left at the end.
- Work as fast and accurately as you can.

Click **Begin Exercise** to start.

BACK TO DIRECTIONS | BEGIN EXERCISE
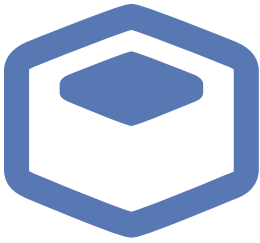
Spatial Visualization

- Shows your ability to look at a 2-dimensional image and imagine what it would look like in 3-dimensions.

- Demonstrates how well you can mentally arrange & rotate objects, and visualize them from all sides.

youscience®
Find your way faster™

Inductive Reasoning

- How quickly and accurately you draw conclusions, even without a lot of information to help.

- Shows your ability for detecting relationships.

Inductive Reasoning
How easily do you make logical connections?

NUMBER OF SETS
22 SETS

TIME ESTIMATED
22 MINUTES

You'll see six pictures, three of which are related in some way. Using your mouse or keyboard, select EXAC... continue. You may cha... its letter, but you may r...

This exercise is timed! ... automatically move to ... based on both accurac...

Once you begin, you ca... them before you contin...

Practice   **Inductive Reasoning: Set 2 of 2**

You can only use the A, B, C, D, E, and F keys.

Select EXACTLY 3 items that have something in common.

| A | B | C | D | E | F |

BEGIN EXERCISE

Practice   **Inductive Reasoning: Set 2 of 2**

You can only use the A, B, C, D, E, and F keys.

Correct!

Letters **A**, **C**, and **E** all represent fragile or breakable items. Click **Begin Exercise** or press **Enter** to continue.

| A | B | C | D | E | F |

◄ PREVIOUS SET

Inductive Reasoning
How easily do you make logical connections?

NUMBER OF SETS
22 SETS

TIME ESTIMATED
22 MINUTES

🕐 You are about to start a timed exercise!

REMEMBER:
- When the exercise begins, you CANNOT return to the directions.
- You can use either the mouse or the keyboard to select your answer.
- You have to select 3 pictures to move on to the next set.
- You have up to 2 minutes for each of 22 sets.

TIPS:
- Try to answer each set in 1 minute or less.
- Keyboard users may click **Enter** to continue.

Click **Begin Exercise** to start.

◄ BACK TO DIRECTIONS   BEGIN EXERCISE

Sequential Reasoning

- Demonstrates how well you mentally arrange ideas, information, or things into a logical order.

- Lets you organize an efficient plan in advance and adapt it on the fly as new facts demand.

Idea Generation

- The sheer rate of your idea flow. Your work should fit your pace.

- All about the quantity of ideas, not quality.

Idea Generation
How quickly do you generate ideas?

NUMBER OF QUESTIONS
1 QUESTIONS

TIME ESTIMATED
5 MINUTES

When you begin, you will be given a single question to respond to. Your objective is to type anything you want as long as your ideas relate to the question. Don't worry about spelling, grammar, punctuation, formatting or typos.

As soon as you read the question at the top of the screen, begin typing in the blank area. The blank area will scroll as you get to the bottom of the page.

Idea Generation
How quickly do you generate ideas?

NUMBER OF QUESTIONS
1 QUESTIONS

TIME ESTIMATED
5 MINUTES

🕐 You are about to start a timed exercise!

REMEMBER:
- Type anything you want as long as your ideas relate to the subject.
- Spelling, grammar, punctuation, formatting or typos will not count against you.

TIPS:
- Try not to think about how much time is left.
- The blank area will scroll automatically so don't worry about running out of space.

Click **Begin Exercise** to start.

Idea Generation

BEGIN EXERCISE

What would you do if one week from today everyone would suddenly be happy all the time?
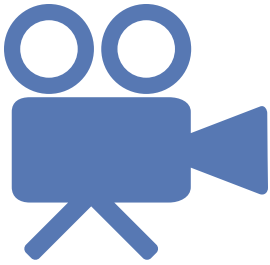
Work Approach

- Do you want to know a little bit of everything or hone in on a special topic?

- 3 types - Generalist, Specialist, Liaison

- Knowing the role you play best on a team can be very important to the success of any project you take on.

Work Approach
How do you respond to words?

NUMBER OF WORDS
47 WORDS

TIME ESTIMATED
6 MINUTES

When you begin, you'll see a series of 47 words, one at a time. Your object is to respond to each word with the first word that pops into your mind.

Each word will appear only once then the screen will change to allow you to respond. Type your response then press **Enter**. You'll only have 7 seconds to respond. If you take longer than 7 seconds to respond, you'll see **Time's Up!** and the next word will appear in 1 second.

...th hyphens or other special ...omes to mind, simply press

BEGIN PRACTICE WORDS

Practice | Work Approach

FAST

< BACK

Practice | Work Approach

No spaces or special characters allowed.

Good.
The object is to type the first word that comes to mind. Click **Next Word** to try another.

SLOW

Practice | Work Approach

DOCTOR

Practice | Work Approach

No spaces or special characters allowed.

NURSE

< PREVIOUS WORD   **BEGIN EXERCISE**

Work Approach
How do you respond to words?

NUMBER OF WORDS
47 WORDS

TIME ESTIMATED
6 MINUTES

🕐 **You are about to start a timed exercis...**

REMEMBER:
- There is no wrong answer. Simply type the first word that comes to mind.
- Each word appears only once. You can't go back to see the word again.
- You'll have 7 seconds to respond to each word.

TIPS:
- You can advance to the next word without typing a response by pressing **Enter**.

Click **Begin Exercise** to start.

< BACK TO DIRECTIONS   **BEGIN EXERCISE**

Timeframe Orientation

- Tells us how you naturally plan and work over time.

- Do you thrive working toward long-term goals or short-term goals?

Timeframe Orientation
How do you perceive possibilities?

NUMBER OF PICTURES
12 PICTURES

TIME ESTIMATED
12 MINUTES

When yo...
first resp...
ideas or...

The curs...
press **En**...

You can...
keys or t...

Practice | **Timeframe Orientation:** Picture One

Try It!
Enter words in the boxes to describe what the drawing reminds you of until time's up. Proper nouns like "Cindy" or adjectives like "sassy" or "scary" should be avoided.

What do you see?

BEGIN EXERCISE

Practice | **Timeframe Orientation:** Picture One

Try It!
Enter words in the boxes to describe what the drawing reminds you of until time's up. Proper nouns like "Cindy" or adjectives like "sassy" or "scary" should be avoided.

What do you see?

cup	bowl	half

BACK TO DIRECTIONS

Timeframe Orientation
How do you perceive possibilities?

NUMBER OF PICTURES
12 PICTURES

TIME ESTIMATED
12 MINUTES

🕐 You are about to start a timed exercise!

REMEMBER:
- You have 60 seconds to fill as many blanks as you can.

TIPS:
- Use the Up, Down, Right, and Left (↑ ↓ → ←) arrow keys or **Tab** to move between boxes.
- Do not worry about spelling.

Click **Begin Exercise** to start.

BACK TO DIRECTIONS

BEGIN EXERCISE

Vocabulary

- The more words you know and can use correctly, the more ideas, concepts and situations you can interact with easily.

- You can always expand your vocabulary.

Vocabulary
Can you name another word for...?

NUMBER OF QUESTIONS	**30 QUESTIONS**
TIME AVAILABLE	**8 MINUTES**
BOOKMARKING	**AVAILABLE**

Each question shows you a phrase with an underlined word and five one-word choices below it. Choose the word with the most similar meaning to the underlined word. Use

NUMBER OF QUESTIONS	**30 QUESTIONS**
TIME AVAILABLE	**8 MINUTES**
BOOKMARKING	**AVAILABLE**

- You have 8 minutes to complete 30 questions.

TIPS:

Practice | **Vocabulary:** Question 1 of 2

You can only use the A, B, C, D, and E keys.

She was shy

Select the answer that is most similar to the underlined word in the sentence below.

A	fearful
B	close
C	short
D	sleepy
E	bashful

01	02	
00	ANSWERED	
02	UNANSWERED	
	CURRENT	
00	BOOKMARKED	

BACK TO DIRECTIONS   NEXT QUESTION   BOOKMARK ITEM

You've finished with time left!

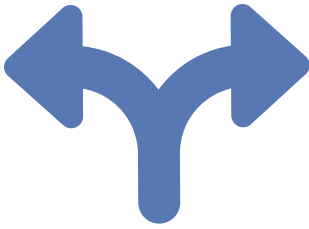|	
TIME REMAINING	**7 MINUTES, 33 SECONDS**
ITEMS UNANSWERED	**30 ITEMS**

You have 30 unanswered items!

You've finished the test with time left.

Please finish unanswered questions and review bookmarks before ending this exercise.

If you click **End This Exercise**, you will not be able to return or change your answers.

END THIS EXERCISE   CHANGE ANSWERS

Interpersonal Style

- Determines your natural style for interacting with other people that either gives you energy or drains it away.

- Everyone has some characteristics of both introversion & extroversion.

- This one is self-report.

Interpersonal Style

NUMBER OF STATEMENTS
20 STATEMENTS

TIME ESTIMATED
6 MINUTES

When you begin, you'll see a series of statements, one at a time, with a rating scale of five options. Use your mouse to click on the rating that best describes your level of agreement with the state

Make your selection base
Consider how you hones
same gender and age as

Once you select a rating,
selection, you can click th
before you can move on

There are no right or wro
each statement carefully

Interpersonal Style

NUMBER OF STATEMENTS
20 STATEMENTS

TIME ESTIMATED
6 MINUTES

🕐 **Don't rush. You're not timed here.**

REMEMBER:
- There are no right or wrong answers.
- There is no time limit.

TIPS:

your peers.

BEGIN EXERCISE

Interpersonal Style: Statement 1 of 20

Consider yourself as you are now and in relation to your peers of the the same age & gender.

I feel comfortable around people.

of the party.

STRONGLY DISAGREE · SLIGHTLY DISAGREE · NEITHER AGREE · AGREE · STRONGLY AGREE
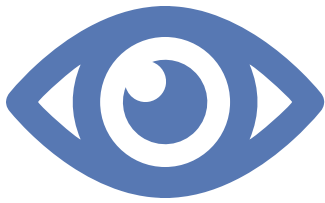
Interpersonal Style: Statement 14 of 20

Consider yourself as you are now and in relation to your peers of the the same age & gender.

I don't like to draw attention to myself.

it to approach

STRONGLY DISAGREE · SLIGHTLY DISAGREE · NEITHER AGREE OR DISAGREE · AGREE · STRONGLY AGREE

I'M DONE!

Interests

- We measure career interests to identify work activities and occupations that individuals like and find exciting.

- Retake anytime as interests evolve.

- This is the second & final self-report exercise

Interest Profiler

NUMBER OF QUESTIONS 60 QUESTIONS	**Don't rush. You're not timed here.**
TIME ESTIMATED 7 MINUTES	**REMEMBER:** • There are no right or wrong answers. • There is no time limit. **TIPS:** • Respond whether you like the idea of the activity. • Do not consider skills, knowledge, or money when responding

Interests

Realistic
Enterprising
Investigative
Social
Artistic
Conventional

Interest Profiler: Statement 11 of 60

Rate your interest in each task below.
Don't consider if you have knowledge or how much money you would make – only if you like or dislike the task.

Develop a spreadsheet using computer software

NOT FOR ME!   DON'T THINK SO   NO OPINION   I MIGHT LIKE THAT   LOVE THE IDEA!

Interest Profiler: Statement 7 of 60

Rate your interest in each task below.
Don't consider if you have knowledge or how much money you would make – only if you like or dislike the task.

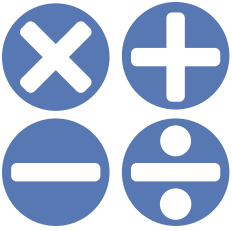**Teach an individual an exercise routine**

NOT FOR ME!   DON'T THINK SO   NO OPINION   I MIGHT LIKE THAT   LOVE THE IDEA!

I'M DONE!

youscience®
Find your way faster™

13

Numerical Computation

- This shows how quickly and accurately you perform calculations in your head.

- Also indicates your ability to focus under pressure and your comfort level when working with all kinds of numbers.

Numerical Computation
How quickly do you calculate numbers?

NUMBER OF PROBLEMS
17 PROBLEMS

TIME AVAILABLE
12 MINUTES

BOOKMARKING
AVAILABLE

Each problem in the following exercise has only one correct answer. There are no

Practice | **Numerical Computation:** Problem 1 of 2

You can only use the A, B, C, D, and E keys.

Select the answer that provides the exact numerical solution to the problem expressed in its lowest terms.

You may use scratch paper throughout the test, but calculators are NOT allowed.

$$8 + 6 = \underline{\quad}$$

A	48
B	14
C	2
D	12
E	32

| 01 | 02 |

00 ANSWERED
02 UNANSWERED
☐ CURRENT
00 BOOKMARKED

NEXT PROBLEM   🔖 BOOKMARK ITEM

Numerical Computation
How quickly do you calculate numbers?

NUMBER OF PROBLEMS
17 PROBLEMS

TIME AVAILABLE
12 MINUTES

BOOKMARKING
AVAILABLE

🕐 **You are about to start a timed exercise!**

REMEMBER:
- Answers must be exact and fractions expressed in their lowest terms.
- You may use scratch paper, but not a calculator.

TIPS:
- Keyboard users may click **Enter** to continue.
- Recheck your answers only if there is time left at the end.
- Work as

Click **Begin**

◀ BACK TO DIRE

You've finished with time left!

TIME REMAINING
11 MINUTES, 4 SECONDS

ITEMS UNANSWERED
17 ITEMS

You have 17 unanswered items!

You've finished the test with time left.

Please finish unanswered questions and review bookmarks before ending this exercise.

If you click **End This Exercise**, you will not be able to return or change your answers.

END THIS EXERCISE   CHANGE ANSWERS

Associative Memory

- How quickly and accurately you can plant new information in your head and then recall it.

- Shows your aptitude for memorizing and linking information together.

Associative Memory
Do you memorize by using mental connections?

NUMBER OF SERIES
2 SERIES

TIME ESTIMATED
5 MINUTES

When you begin, you'll see pairs of numbers and letters. Study the pairs. Your objective is to recall the letter that was matched with each number.

Practice — Associative Memory: Series One — MEMORIZE

Study each number and letter pair. You will be asked to recall each pair in a few seconds.

NUMBER	LETTER
24	A
67	Z
36	K

BEGIN EXERCISE

Practice — Associative Memory: Series One — RECALL

Correct!

You've correctly matched all of the number and letter pairs. Click **Begin Exercise** to continue.

NUMBER	LETTER
36	K
24	A
67	Z

◄ BACK TO DIRECTIONS

Associative Memory
Do you memorize by using mental connections?

NUMBER OF SERIES
2 SERIES

TIME ESTIMATED
5 MINUTES

🕐 You are about to start a timed exercise!

REMEMBER:
- You will have 74 seconds to memorize the number and letter pairs.
- You will have 64 seconds to recall which letter appeared next to each number.

TIPS:
- The series are timed and the screens automatically advance when time runs out.
- Once you click **Begin Exercise**, you won't be able to return to the directions, so make sure you understand them before you begin.

Click **Begin Exercise** to start.

◄ BACK TO DIRECTIONS   BEGIN EXERCISE

Hand-Eye Coordination

- Measures how easily you absorb repetitive movements into your motor memory.

- Some call this kinesthetic memory.

Hand-Eye Coordination
How quickly do you learn new movements?

NUMBER OF SERIES
5 SERIES

TIME ESTIMATED
5 MINUTES

For this exercise, you will be given a series of arrow patterns

The numbers 1 through 4 on the arrows in the pattern tell you arrow keys on your keyboard. The graphic on the left shows keys in the following order: Down (1), Left (2), Right (3), Up (4

Using only ONE finger, you will press the arrow keys in the s numbered. Your results are based on the number of patterns one minute.

Learn — Hand-Eye Coordination

Try it!
Practice using the arrow keys with ONE finger on the keyboard to complete the pattern.

BEGIN PRACTICE SERIES

Learn — Hand-Eye Coordination

Great!
You've mastered the keys. Now let's try a timed practice. Click **Begin Practice Series** to continue.

◄ BACK TO DIRECTIONS

BEGIN PRACTICE SERIES

Hand-Eye Coordination

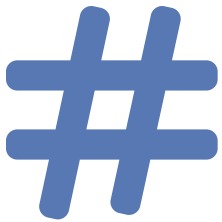### Try it!
You have one minute to practice the pattern shown below.

Practice — Hand-Eye Coordination

Time's Up!
demonstrated you can use the arrow keys to follow the patterns. Click **Begin Exercise** to continue.

BEGIN EXERCISE

Hand-Eye Coordination
How quickly do you learn new movements?

NUMBER OF SERIES
5 SERIES

TIME ESTIMATED
5 MINUTES

🕐 You are about to start a timed exercise!

REMEMBER:
- All of the patterns in Part 1 are identical.
- Use only one finger! Your score won't be valid if you use more than one finger.

TIPS:
- Work as fast and accurately as possible.
- Memorize the pattern and focus on the arrow keys.
- Check the screen occasionally to make sure you are pressing the correct keys.

Click **Begin Exercise** to start.

◄ BACK TO DIRECTIONS

BEGIN EXERCISE

---

youscience®
Find your way faster™

Visual Memory

- Shows your aptitude for learning and remembering data. Plain old number recall.

- Use it for things like remembering passwords and mom's birthday.

Visual Memory
How quickly do you memorize numbers?

NUMBER OF SEQUENCES **16 SEQUENCES**	When you begin, you'll see a sequen... you'll automatically move to the nex... same order you saw them.
TIME ESTIMATED **9 MINUTES**	This exercise is timed! Enter the num... use your Up, Down, Left and Right (...

Practice | Visual Memory: Sequence One | MEMORIZE

2

BEGIN EXERCISE

Practice | Visual Memory: Sequence One | RECALL

Enter the numbers in the order they appeared. Use your left and right arrow keys to move between blanks. To change an answer, type a new number with your cursor in the field.

◀ BACK TO DIRECTIONS

Practice | Visual Memory: Sequence One | RECALL

Correct!
From left to right, the correct order is **7** then **2** then **5**.

7 2 5

BEGIN EXERCISE

Visual Memory
How quickly do you memorize numbers?

NUMBER OF SEQUENCES **16 SEQUENCES**	🕐 **You are about to start a timed exercise!**
TIME ESTIMATED **9 MINUTES**	**REMEMBER:**

- Each number is shown only once and for a very short time, so keep your eyes on the screen.
- You only have 3 seconds per number to respond.
- You can't go back to previous sequences.

TIPS:
- The sequences are timed and the screens automatically advance when time runs out.
- Once you click **Begin Exercise**, you won't be able to return to the directions, so make sure you understand them before you begin.

Click **Begin Exercise** to start.

◀ BACK TO DIRECTIONS | BEGIN EXERCISE

Pattern Memory

- This shows how well you notice, absorb, and recall designs in maps, diagrams, charts, or even fabrics.

- Increasingly useful as we communicate more and more visually.

Pattern Memory
How easily do you recall visual patterns?

NUMBER OF DESIGNS
8 DESIGNS

TIME ESTIMATED
8 MINUTES

When you begin, you'll see a design made up of dots and connecting lines. After 10 seconds the lines will go away and you'll see only the dots. Your objective is to recreate

Learn — Pattern Memory

Practice Drawing!

To draw a line, click the dot where you want to begin your line, then click any neighboring dot. Notice that only the dots closest to the initial starting point of

Learn — Pattern Memory

Perfect!

You can click any dot to begin a new line, even one that already has a line attached. You may practice drawing until you're comfortable then click **Begin Practice Designs.**

BACK TO DIRECTIONS

Practice — Pattern Memory: Design One — MEMORIZE

Memorize It!

You have 10 seconds to

NEXT DESIGN

Practice — Pattern Memory: Design One — RECALL

Ready?

You have 30 seconds to recreate the lines you just saw. Draw lines by clicking one dot and then a neighboring one. Remove solid lines by clicking on the line.

BACK TO DIRECTIONS

NEXT DESIGN