



Name: Mary Johnson

Age: 22

Job: assistant chef

Home: Arizona

Hobby: reading novels

Family: single, no kids

Pet:

Shoe size: 40, US 7,5



MARTIN

(1)

Name: James Williams

Age: 30

Job: business man

Home: New York

Hobby: golf

Family: married, 2 kids

Pet:

Shoe size: 40, US 11,5



MARTIN

(2)

Name: Trixie Jones

Age: 36

Job: doctor

Home: Texas

Hobby: listening to music

Family: married, 2 daughters

Pet:

Shoe size: 40, US 7,5



(3)

Name: Harry Brown

Age: 41

Job: judge

Home: North Carolina

Hobby: golf

Family: single, no kids

Pet:

Shoe size: 40, US 11,5



MARTIN

(4)

Name: Linda Davis

Age: 30

Job: scientist

Home: Arkansas

Hobby: gardening

Family: married, 2 kids

Pet:

Shoe size: 38, US 6



(5)

Name: Elizabeth Miller

Age: 19

Job: student

Home: Minnesota

Hobby: watching movies

Family: single, no kids

Pet: dog, name Lucky

Shoe size: EUR 38, US 6



MARTIN

(6)

Name: Jenny Wilson

Age: 12

Job: student

Home: Hawaii

Hobby: swimming

Family: married, 2 kids

Pet: dog, name Daisy

Shoe size: 38, US 6



MARTIN

(7)

Name: Susan Moore

Age: 22

Job: teacher

Home: New York

Hobby: reading

Family: single, no kids

Pet: dog, name Spot

Shoe size: 40, US 7,5



MARTIN

(8)

Name: Betty Taylor

Age: 19

Job: student

Home: Canada

Hobby: swimming

Family: single, no kids

Pet: doggie

Shoe size: EUR 40, US 7,5

MARTIN



(9)

Name: Robert Anderson

Age: 3

Job: worker

Home: Canada

Hobby: watching movies

Family: married, 2 daughters

Pet: dog

Shoe size: EUR 45, US 11,5

MARTIN



(10)

Name: Helen Jackson

Age: 59

Job: grandma

Home: Canada

Hobby: reading novels

Family: married, 2 sons

Pet: pet dog and Joe

Shoe size: EUR 40, US 7,5

MARTIN



(11)

Name: William White

Age: 8

Job: professional hockey player

Home: Minnesota

Hobby: skiing

Family: single, no kids

Pet: none

Shoe size: EUR 42, US 8,5

MARTIN



(12)

Name: Nancy Harris

Age: 36

Job: housewife

Home: Canada

Hobby: cooking

Family: married, 2 sons

Pet: dog

Shoe size: EUR 40, US 7,5

MARTIN



(13)

Name: Chris Thompson

Age: 41

Job: journalist

Home: Canada

Hobby: playing scrabble

Family: married, 1 son

Pet: dog

Shoe size: EUR 45, US 11,5

MARTIN



(14)

Name: Paul Martin

Age: 55

Job: musician

Home: Canada

Hobby: playing guitar

Family: married, 2 kids

Pet: dog

Shoe size: EUR 45, US 11,5

MARTIN



(15)

Name: Steven Robinson

Age: 36

Job: artist

Home: North Carolina

Hobby: listening to music

Family: married, no kids

Pet: dog

Shoe size: EUR 45, US 11,5

MARTIN



(16)

Name: Ryan Clark
 Age: 22
 Job: college student
 Home: ...
 Hobbies: ...
 Family: ...
 Pet: ...
 Shoe size: ...
 (17)



Name: Lilly Green
 Age: 22
 Job: manager
 Home: ...
 Hobbies: ...
 Family: ...
 Pet: ...
 Shoe size: ...
 (18)



Name: Larry Baker
 Age: 59
 Job: ...
 Home: ...
 Hobbies: ...
 Family: ...
 Pet: ...
 Shoe size: ...
 (19)



Name: Shirley Adams
 Age: ...
 Job: ...
 Home: ...
 Hobbies: ...
 Family: ...
 Pet: ...
 Shoe size: ...
 (20)



Name: Jeffrey Turner
 Age: 36
 Job: tailor
 Home: ...
 Hobbies: ...
 Family: ...
 Pet: ...
 Shoe size: ...
 (21)



Name: Scott Phillips
 Age: 2
 Job: ...
 Home: ...
 Hobbies: ...
 Family: ...
 Pet: ...
 Shoe size: ...
 (22)



Name: Kevin Parker
 Age: 55
 Job: ...
 Home: ...
 Hobbies: ...
 Family: ...
 Pet: ...
 Shoe size: ...
 (23)



Name: Brenda Murphy
 Age: 12
 Job: ...
 Home: ...
 Hobbies: ...
 Family: ...
 Pet: ...
 Shoe size: ...
 (24)



Name: Amy Morris

Age: 30

Job: firefighter

Home:

Hobbies: listening to music

Family: married, 1 son

Pets:

Shoe size: EUR 40, US 7,5

MARTIN

(25)



Name: Jason Roger

Age: 36

Job: lumberjack

Home:

Hobbies: fishing

Family: no kids

Pets:

Shoe size: EUR 45, US 11,5

MARTIN

(26)



Name: Anny Howard

Age: 22

Job:

Home:

Hobbies: watching movies

Family: no kids

Pets: dog named John

Shoe size: EUR 38, US 6

MARTIN

(27)



Name: Carl Peterson

Age: 40

Job: doctor

Home:

Hobbies: playing scrabble

Family: married, 1 son

Pets: cat named Tom

Shoe size: EUR 45, US 11,5

MARTIN

(28)



Name: Scott Grey

Age: 19

Job: graduate student

Home:

Hobbies: reading

Family: married, no kids

Pets: dog named Spike

Shoe size: EUR 42, US 8,5

MARTIN

(29)



Name: Terry Coleman

Age: 41

Job:

Home:

Hobbies: playing chess

Family: married, 2 sons

Pets: dog named Zimo

Shoe size: EUR 45, US 11,5

MARTIN (30)



You are a civilian



You are the burglar



Introduction

The first part of the course will focus on the basic principles of quantum mechanics, including the wave function, the Schrödinger equation, and the uncertainty principle. We will also discuss the concept of entanglement and its applications in quantum information theory.

In the second part, we will explore the foundations of quantum field theory, starting with the quantization of the electromagnetic field and the development of quantum electrodynamics. We will then move on to the quantization of fermions and the formulation of the Dirac equation.

The third part of the course will cover the standard model of particle physics, including the classification of particles, the gauge principle, and the unification of the electromagnetic and weak interactions. We will also discuss the role of the Higgs boson in the mechanism of electroweak symmetry breaking.

In the final part, we will discuss the frontiers of particle physics, including the search for supersymmetry, extra dimensions, and dark matter. We will also touch upon the role of quantum mechanics in cosmology and the early universe.

The course is designed for students with a background in classical mechanics and electromagnetism. It will provide a solid foundation for further study in quantum mechanics and particle physics. The lectures will be supplemented by problem sets and laboratory experiments to reinforce the concepts discussed.

By the end of the course, students should have a deep understanding of the fundamental principles of quantum mechanics and particle physics, and be able to apply these concepts to solve problems in the field. The course will also provide a glimpse into the current research in particle physics and the challenges that lie ahead.

The course is taught by Prof. Dr. John Doe, who has been a leading expert in the field of particle physics for over 20 years. He has published numerous papers in the field and has supervised many graduate students. His teaching style is clear and engaging, and he is always available to help students with their questions.

The course is held in the Physics Department, which is one of the largest and most well-equipped departments in the university. It has a state-of-the-art laboratory with a variety of equipment for conducting experiments in particle physics. The department also has a strong research program in the field, with many faculty members and graduate students working on cutting-edge projects.



This is a conversation game for elementary to lower intermediate students. Practise simple present QUESTIONS and ANSWERS. Set of 30 character cards (numbered 1-30).

How to play:

- 1) Tell the class that there has been a robbery and they will interview their fellow students to find out who the robber is.

STORY: Yesterday at 10:00 pm there was a robbery in the Bank in Central Lane. The police was called immediately to investigate the crime scene and found some evidence. It had snowed yesterday (or rained) there were footprints on the ground in the snow (or mud)...

- 2) Give each student a character card. Each card has a small number in the lower right corner (1-30) so to identify them easily. Make sure that you choose a number to be the burglar before you hand them out and know the personal info on the card.
- 3) Tell the students to look at their card and notice the number, but don't show anyone.
- 4) "Identify" the burglar by saying "Number 12 (or any other number) is the murderer" so only one person (and you) knows he is the burglar but should be secretive so that the others don't notice
 - ☐ You could also give out one "Burglar Card" and "Civilian Cards" for the rest of the students (see bottom of page 4) to assign the burglar...

- 5) Now give some information about the burglar

STORY: ...The police found some evidence at the crime scene. The footprints are in shoe size **EUR 45, US 11,5** (pick your shoe size according to the burglar character). And they also found... ☐ insert some more information, choose two, or three from the list of personal info on the card and write it on the board:

Name: Terry Coleman	☐ don't give this info
Age: 41	A birthday card saying "Happy 41 st birthday"
Job: news caster	A paycheck for a news caster (although all jobs are different and may not evoke enough "confusion") ☐ maybe don't give this info
Home: California	A postcard from California
Hobby: reading novels	A big novel book
Family: married, 2 sons	A photo of two little boys
Pet: dog Gizmo	some dog hair

- 6) Tell your students to go round the class and ask/answer questions about the personal information and take notes (What's your name? What's your job? Where are you from? What are your hobbies? Are you married? Do you have any children? Do you have a pet?)
- 7) After a couple of minutes they should figure out whose personal information match the evidence on the board.

Have fun! ☺

by littlesunshine11 at ESLprintables

NOTE: You could leave the „burglar story" out and just have the students take on the characters and ask questions to practise speaking.