

**KOers International Study Trip 2018 - JAPAN** 

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#### C O N T A C T INFORMATION

#### Committee

Lieneke van der Molen +31 (0)6 40 96 74 18 Gido Dielemans +31 (0)6 17 76 50 58 Sander Montrée +31 (0)6 14 10 06 45 Willem Bouwsema +31 (0)6 83 67 09 73

### Emergency contacts Police 110

Fire Brigade 119 Ambulance 119

### Introduction

KOnnichiwa KOers Members,

Welcome to the land of the rising sun, Japan! In this Lonely KOers guide you will find vital information about the International Study Trip 2018.

You can read all about the cities we will visit, the buildings we will see, the locations we will discover, the results of the case studies made by yourself and your fellow participants, and detailed information about Japanese culture and food.

We wish you a pleasant trip!

The IST committee

Lieneke Gido Sander Willem This Study Trip is made possible with help from our partners:











#### **HOSTEL INFORMATION**

Below the information of the hostels we will be staying in is provided.

#### **OSAKA**

Hatago Ao 553-0003 Osaka Fukushima-ku Fukushima 2-8-15



#### **NAGOYA**

Nagoya Travellers hostel 460-0008 Nagoya Naka Ward Naka-ku Sakae 4-8-10



#### **TOKYO**

Imano Tokyo Ginza hotel 104- 0041 Tokyo Chuo Ward Chuo-ki Shintomi 1-5-10





# Program

	Friday July 13 <sup>th</sup>
07:00	Gathering at Schiphol Airport
10:25	Flight LO 266
15:10	Flight LO 079

#### Saturday July 14<sup>th</sup>

08:40	Arrival Narita Airport
09:10	Collecting luggage & customs
11:15	Travel to Tokyo
12:30	Lunch at Tokyo Station
13:30	Travel to Osaka
16:45	Check-In
18:00	Dotonbori River

#### Sunday July 15<sup>th</sup>

09:00	Departure to Kyoto
09:30	Kyoto Station Area
11:30	Inari-shrines
16:45	Gion district

08:40	Monday July 16 <sup>th</sup> Departure to Kobe
09:30	Akashi Kaikyo bridge
12:00 12:55 18:00 20:30	Rokko Mountain Meriken Park
09:00	Nara Park & Tada-ji Temple 🗾
11:40 13:00 17:15	Departure To Osaka Takenaka 13:00 Lecture 14:00 Abeno Harukas 16:00 Umeda Sky Building 17:30 End of tour Food
18:30	National Art Museum

20:00 Namba Parks

07:45 08:10 11:15 14:00	Wednesday July 18th Check-Out Departure to Nagoya Luggage drop at hostel Nagoya Station Area Takenaka 14:00 Lecture 15:00 Nagoya City Science Museum 16:30 End of tour Check-In
18:30	Nagoya TV Tower & Oasis 21 🗾
07:45 08:00 13:00 15:20 16:45 18:30	Luggage drop at hostel Check-In will be done by committee later this day Arup Lecture on Aerthquake design Mode Gakuen Tower
09:30 10:30 11:15 13:15	Friday July 20 <sup>th</sup> Departure hostel Tokyo Dome Koishikawa Korakuen Garden Senso-ji Temple
17:00	Tokyo Skytree

09:30 09:45 10:30 13:00 15:00	Saturday July 21th  Departure hostel Tokyo International Forum Imperial Palace & Park Departure to Tokyo University Tokyo University 15:00 Lecture research and projects 15:45 Presentation by Japanese students 16:05 Presentation by Dutch students 16:30 Campus tour 17:30 End of tour
09:30 10:30 11:30 13:00	
05:45 06:00 10:25 16:45 19:00	Transfer to Narita Airport

19:30 Collecting Luggage & customs20:00 Last goodbyes

End of Studytrip

20:15

# Welcome to Japan

Since the 11th of March 2011. one cannot talk about or consider visiting lapan without thinking οf the devastating earthquake and tsunami that struck northeast Japan. Yet, rather than focus on the immediate and linaerina horrors fears of the tragedy, one should focus on the beauty and accessibility Japan todav. should note how the lapanese people, resilient and steadfast, behaved after the waters receded: they gathered calmly in evacuation shelters, set off bravely on rescue missions and began the task of rebuilding.

Every image from those first weeks reflects some of the culture's highest virtues: the ability to gambaru (do their best) and gaman (bear suffering without complaint). They also capture the famous Japanese thoroughness and civility. This spirit will allow the Japanese people to rebuild northern Japan faster than anyone expects. And it is this very same spirit that makes travelling to Japan such a joy.

Do not avoid Japan because of fear of natural disasters. The March 2011 disaster was of once-in-alifetime proportions, and even at the peak of the crisis most of Japan was perfectly safe for travel.

Japan is wide open for travel, the perfect time to go - and to celebrate Japan and its people - is now!



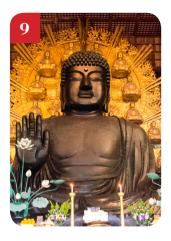
# **Top 10**

#### Castles

Japan's castles are relics from its feudal past, filled with sword-wielding samurai, whisper footed ninia and all-powerful shoauns. The curved roofs of the castle's keeps, often stacked multiple storevs. are characteristic traditional Japanese architecture. The castles are made of wood, but may sit atop foundations of enormous stones.

Heijo Palace, Nara



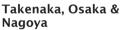


#### Daibutsu, Nara

The great buddha of Nara. or Daibutsu. is a 15 meter-tall bronze Ruddha statue which firstcast in the 8th was century, at the dawn of the lapanese empire. The statue is among the largest gilt-bronze efficies in the world and the temple that houses it, Todai-ji, is among the world's largest wooden structures.

It is difficult to describe the statue without using superlatives: it is simply awesome! Japanese cuisine, -

One of the joys visitina lapan is experiencing the true breadth of the countries cuisine. Sushi (raw fish on vinegar seasoned rice) may be synonymous with Japan, but travelling into the Japanese mountains, and you will find a hearty cuisine that draws from the land. You can have a superlative meal on any budget: even a humble bowl of noodles can be sublime.



Being one of the largest construction companies of Japan, and active all around the world, a visit to the Takenaka offices in Japan had to be planned.

With Takenaka we will visit the Osaka office together with the Umeda Sky and Habeno Harukas. With the Nagoya office we will visit the Nagoya City Science Museum.

Umeda Sky, Osaka, p.34





Shibuya crossing, Tokyo

Rumored to be the busiest intersection in the world (and definitely in Japan), Shibuya Crossing is like a giant beating heart, sending people in all directions with every pulsing light change.

Perhaps nowhere else says "Welcome to Tokyo" better than this. At peaktimes more than 1,000 people cross the streets at a time, coming from all directions at once, yet still managing to dodge each other with a practised, nonchalant agility.





#### Nara Kōen. Nara

At the base of mount Wakakusa lies Nara Kōen. Nara park. or Established in 1300, it is one of the oldest parks of Japan. Opened in 1880 to the public, the park has an area of 500 hectares. If you include the historic buildings such as the Todai-ii temple. the total area is about 600 hectares. The park is home to more than 1.200 wild sika deer, roaming freely through the park.

#### Shinkansen

Also known as the bullet train, the Shinkansen is a high-speed rail network initially built to connect distant regions with the country's

capitol. The first part of the network, the Tōkaidō Shinkansen was built in 1964 and was 615 km long.

Currently the network is 2,764 km long, where trains travel at speeds up to 320 km/h.



#### Inari, Kyoto

Possibly the most famous shrines of Kyoto. More than a thousand gates lined along a single path, photographed by millions of visitors every year.

#### Dotonbori, Osaka

One of the principal tourist destinations in Osaka, running along the Dōtonbori canal. Now a popular nightlife and entertain-ment area characterized by its large illuminated signboards.

#### Skytree, Tokyo

The Tokyo Skytree is the tallest structure in Japan, the tallest tower in the world and the third tallest structure in the world after the Burj Khalifa. The tower stands at a magnificent height of 634 meters. The Skytree will be the literal top of the trip.







### Skytree

The Skytree was designed by architecture firm Nikken Sekkei, however in the end more than 100 architects, engineers and planners have participated in the project design. They held in mind three concepts while designing the Skytree; fusion of neofuturistic design and the traditional beauty of Japan, it was meant to be a catalyst for revitalization of the city and it had to help in disaster prevention.

To follow the design criteria, the Tokyo Skytree resembles the form of a 5-story pagoda. The base of the tower is a structure similar to a tripod, flowing into a circle at about 350 meters height. The tower then follows its circular form to about 450 meter high and is capped with an antenna

The main structure of the tower consists of steel beams. It was built as a giant tree with deep roots in the ground. Steel structures with pipe trusses are adopted to decrease weight and not to put too much pressure on surrounding residential buildings. The middle column which is made of concrete is structurally separated from the steel structures. to help with earthquake resistance. This is similar to the pagodas. The column is attached to the first 125 meters of the steel structure and for the remaining 375 meters it is attached to the tower with oil dampers, which act as cushions during earthquake. acceleration response during an earthquake is reduced by 50% with the use of this system.

# To do, or not to do...

Just like all countries Japan has some strange laws and customs. Below you will find some guidelines on things that you can and cannot do; and some weird laws. Keep in mind that most of these things not to do will not result in real penalties, but they are much appreciated when taken into account.

#### Chopsticks 101

Never put your chopsticks in your rice, this is only done for funeral ceremonies

#### Chopsticks 102

Do not roll new chopsticks in your hand, this is considered to be rude to the owner of the restaurant.

#### Ssshhht!

Be quiet in the train, do not talk loudly and never answer your phone.

#### No shoes

When you go inside a building, take of your shoes, you will see when you will have to.

### Do not eat or drink while walking

Eat and drink when standing still, it is a lot safer for yourself and everyone around you.

### Do not blow your nose in public

Just keep sniffing or go to

#### Study the cards

If someone gives you his business card, receive it with two hands and study it before putting it in your card holder. Do not put it directly in your pocket!

# Do not make physical contact in public lapanese people do not

Japanese people do not shake hands but bow to each other.

# Do not express your opinion too directly

This should be a good one for everyone in the world.

#### No littering

Again, a good one for everywhere in the world: do not throw any rubbish on the streets. Keep holding on to it until you find a trash bin, it might take a while though.

#### Wait untill it is green

Do not cross a red light, not even if there is no traffic around.

#### **Tipping**

Never tip someone, just don't.

#### **Explosive** mistake

You can be fined for not reporting an explosive to the police. When this law was written the fine was \(\frac{\pmathbf{1}}{100}\), but has now been increased to \(\frac{\pmathbf{1}}{1000}\).

#### Keep your cash

It is forbidden to damage or throw away money, if you do, you could be fined up to ¥200,000 or spend a year in prison.

#### I do...

This one is probably related to former arranged marriages: a marriage will be invalidated if you married the wrong person.

#### Please try this at home

If a man asks a woman to go on a date she can not refuse him.

### Nara

Nara is a city south of the Japanese island Honshu and the capitol of the prefecture Nara. The city was founded by Emperor Genmei with the name Heijõ. It was the capitol of Japan between 710 and 784, a time known as the Nara period; the name Nara however was given to the city much later.

Because Nara was one of the first capitols of Japan it houses many historic treasures, amongst them the oldest and largests temples of Japan.

Nara is a destination for tourists who visit many buddhist temples shinto-shrines. and Nara has sites some on the UNESCO World Heritage List. On this list are multiple buddhist temples, such as the Todaiji, Nigatsu-dō, Kōfuku-ji, Gangō-ii. Yakushi-ii and

the Tōshōdai-ji temple; Shinto-shrines, like the Kasuga-shrine and palace Heijō; and the ancient forest of Kasugayama.

Nara is also known for the tamed Sika dear that are roaming wild. These are found in the sub-urbs and in Narapark. The animals are considered sacred and are therefore spoiled by tourists, who can buy *Shika Sembei*, or Deer Bisquits, to feed the animals.



## **Kobe**

Kobe is the capitol of the Hygo province and is an important harbor in the Kansai region. Kobe has approximately 1.5 million inhabitants.

Kyoto is a international city: there are about 45,000 international inhabitants, originating from more than 100 countries. The city has 9 districts and is situated between the coast and Rokko Maintain.

The history of Kobe starts with the origin of the harbor in the 8th century. In 1180, the end of the Hejan period, the city became the capitol of Japan. The harbour of Kobe was one of the first to be trading with the west.

Until the Kobe-earthquake the harbor of Kobe was the largest of Japan. After the Quake Yokohama became the largest harbour. Now that the harbor has been rebuilt it is the second largest of Japan. The four categories of export are small appliances, food, transport and communication; which total hold more than 50% of all exported goods.

#### **Meriken Park**

Meriken Park is a waterpark Kohe's front in port area. Built on an outcropping of reclaimed land, the park is covered in grassy lawn and open courtvards dotted a collection of modern installations fountains. It is home to some of the city's more iconic contemporary architecture such as the

red Kobe Port Tower and the Kobe Maritime Museum

The park was devastated by the 1995 Great Hanshin Earthquake, but has now become a popular spot for locals and tourists again. A short section of damaged waterfront has been left unrepaired as a reminder of the earthquake's tremendous destructive power.

At the center of the park the Kobe Maritime Museum is located in a building topped by a white steel structure meant to

look like sails. To the west of the Maritime Museum stands the Kobe Port Tower, a red-painted steel structure that has become a symbol of the port and the city. Built in 1963, the tower stands 108 meters tall and visitors may go up to its five top floors. Two of the floors house a restaurant and a rotating cafe, while the other three house observation decks that provide 360-degree views of the city from approximately one hundred meters above ground.



# Akashi Kaikyo Bridge

#### General Information

Name: 明石海峡大橋 (Akashi-Kaikyō Ōhashi

or

Construction

Akashi Straits Bridge) May 1988 - April 1998

Engineer Honshu-Shikoku Bridge Authority

Structure type Suspension bridge

3-span and 2-hinged stiffened truss

type (960m - 1991m - 960m)

Function Motorway / freeway

Material Steel

Cost: \$4.3 billion

Dimensions Total length 3911 m Pylon height 282.8 m

Cable diameter 1120 mm

The Akashi Kaikyo Bridge (AKB) is a three-span, two-hinaed stiffening girder system suspension bridge that spans the Akashi Strait, connecting the Japanese mainland at Maiko, Taruni-ward in Kobe with Matsuho on Awaji Island. It is part of the ongoing Honshu-Shikoku Bridge Authority (HSBA) project to link the islands of Honshu, Awaji and Shikoku.

The construction of bridge suspension involves the use of two main cables stretching between two towers. standing on two large circular foundations. roadway beneath The these is suspended by cables. To stop more the towers, roadway and cables collapsing, they are held at either end by large anchor blocks.

# Rokko Observatory

In 2008 a design competition was held for a new observation point built at an altitude of 900 meters. The observatory would be positioned on a peak of the Rokko Mountains in Kobe and was not only meant to be a place for visitors to pause and enjoy the spectacular view, but also needs to be a destination in itself.

The competition was won by architect Hiroshi Sambuichi and engineers ARUP and Partners Japan. By creating a meshed dome with a diameter of 16 meter, they created a partial shelter against the weather. The dome of branch-like elements and a skin that controls but does not completely block sunlight, rain, snow and wind is shaped to passively induce air movement for natural ventilation

The dome is a reciprocal frame structure, which in a simpler form is native to traditional Japanese shrine and temple constructions. After creating a multi-faceted

cylinder with elements that are not interwoven vet and that could be manipulated parametrically, the team investigated the needed density of the elements in terms of structural needs and visual impact. They reached the decision of a main structural frame made with 50mm diameter steel tubes of 1-2 meters long and a finer mesh of 15-20mm diameter wood bars



# Nagoya

Nagoya is the fourth largest city of Japan, with almost 2.7 million inhabitants. The city is the capitol of the prefecture Aichi.

In 2005 the World Expo was hosted again by Japan, this time in the prefecture Aichi, the theme of the Expo was "Nature's Wisdom".

Main topics included Ecological collaboration, Environment-friendly technology and the wonders of nature.

In 2006, Nagoya was the largest harbor of Japan (when measured in cargo), and the 8th largest of the world. In 2013 about 208 million tonnes of cargo was transfered at Nagoya Harbor. The harbor of Tokyo handles less cargo, but the value of that cargo is higher.

In Nagoya the main cargo transferred is vehicles and parts spare airplanes, mainly used by Toyota. The main office of the car-giant is located in Toyota, a city less than 60 minutes from the center of Nagoya. to the main office the Toyota Kaikan Museum is located, a must-see for car enthousiasts!

#### **Nagoya Castle**

The most famous sight of Nagoya is Nagoya Castle; an ancient structure from the Edo period, where it was the heart of the city.



#### Nagoya Station Area

Midland Square is Nagova's tallest building. located iust opposite Station. Nagoya The skyscraper 247 is meters tall and opened in 2007, adding to the increasing number skyscrapers around Nagova's city center. The first four stories and the basement of the building house many shops, chic boutiques. restaurants and cafes. There is also a cinema on the fifth level

Of interest to tourists is the Sky Promenade, located on the top three floors of the 46 story

building. This is an openair observation deck with panoramic views over Nagoya. Key landmarks that can be seen from the Sky Promenade include the JR Central Towers, Nagoya Castle and Nagoya Port.

#### Nagoya TV Tower

The Nagoya TV Tower is the first radio tower built in Japan, constructed in 1954. The tower is 180 meters high, and has two observation decks at 90m (indoor) and 100m (outdoor). The tower was renovated and reopened in 2012.

### **Osaka**

Osaka is both a city as a prefecture of Japan. The city counts 24 districts and is the third largest city of Japan with approximately 2.7 million inhabitants. During the daytime the number of people in the city rises to about 3.7 million, due to the large supply of schools, shops and businesses. Together with nearby cities Kyoto and Nara the city of Osaka belongs to the cradle of Japanese culture.

The World-Expo of 1970 was held in Osaka. The theme of this Expo was "Progress and harmony for humanity".

Most structures have been destroyed after the exposition, but a rememberance park has been made where some of the original structures can still be found.

Bunraku is the name for the traditional Japanese puppet theater from the Meiji-period. Its origin however lies in the Edoperiod under the name Ningyō jōrui or Ayatsuri Jōruri shibai which literally means a talking doll drama. The puppet theater of Osaka was 'invented' around 1684.

Osaka is known for its specific sushi: Oshi. The shape of oshi is rectangular, while the rice is shaped oval.

Universal Studios has four theme parks around the world, one of them is located in Osaka. The park was opened in 2001 and occupies 39 hectares. The park is the second most visited of Japan.



#### Dōtonbori

Dōtonbori or Dōtombori (道頓堀) is of one principal tourist the destinations Osaka. in runnina along the canal Dōtonhori from Dōtonboribashi. Bridae to Nipponbashi Bridge in the Namba district of the city's Chuo ward.

Historically a theater district, it is now a popular nightlife and entertainment area characterized by its large illuminated signboards and eccentric atmosphere.

#### **Namba Parks**

Shops are open 11:00-21:00. Restaurants vary but most are open 11:00-23:00.

resemble Built to а natural canyon, Namba Parks is designed to be a break of nature amidst sprawling urhan landscape. It features a 120 tenant shopping mall including a cinema, amphitheater. and rooftop garden. 6th floor is made up of numerous restaurants including some Korean. Italian, and Vietnamese places.

#### **Umeda Sky**

The building was originally conceived in 1988 as the "City of Air" project, which planned to create four interconnected towers in northern Osaka. Eventually, the Japan economic bubble of the 1980s burst and brought the number of towers down to two.

The 173m building was designed by Hiroshi Hara, constructed by Takenaka Corporation and was completed in 1993.

The building features a rooftop observatory, The Floating Garden Observatory, as well as an underground market that attempts to recreate the atmosphere of Osaka in the early 20th century. At the base of the towers is an urban garden with walking trails and water features.

#### **Abeno Harukas**

Ahenohashi Terminal Building is a multi-purpose commercial facility Abenosuiiltchome. Abeno-Japan. ku. Osaka. consists of the New Annex. Eastern Annex. and 300 m tall skyscraper Abeno Harukas, wich is tallest skyscraper in lapan. The name of skyscraper "Abeno Harukas" comes the old lapanese word (harukasu). 晴るかす which means "to brighten, to clear up"

The (re)construction began in January 2010, and the complex opened on March 7, 2014.



# Kyoto

Kyoto used to be the Imperial capitol of Japan, nowadays it is only the capitol of the prefecture Kyoto. The city has 11 districts and about 1.5 million inhabitants.

the 7th century **Kvoto** the area around is populated. The city was then called Hejankyo, which became the seat of the Imperial Court from the year 795. Later the name of the city was changed to Kyoto. It remained the capitol until the end of the Edo-period in 1868. The city Edo was renamed Tokvo: which literally translates to Eastern Capitol; and became the new capitol; Kvoto was then briefly known as Saikyo; which means Western Capitol.

Kyoto is situated in the center of the island Honshu, surrounded

by mountains and split by the river Kamo. The citv is known for windless heat during the summertime. **Kvoto** is also known for food and drinks; the soil around the city makes a good land for crops and fish is found in the waters around Kvoto.

Kyoto is considered the cultural center of Japan. Despite the bombings in the rest of Japan during the Second World War, Kyoto was spared due to its rich cultural heritage which contains 1600 buddhist temples, 400 Shinto-shrines, palaces, gardens and architecture.

#### **Gion District**

Gion (祇園) is Kvoto's most famous geisha district. located around Shiio Avenue between Yasaka Shrine in the east and the Kamo River in the west. Gion is filled with shops, restaurants ochava (teahouses), where aeiko (Kvoto dialect for geisha) and maiko (geiko apprentices) entertain.

Gion attracts tourists with hiah concentration its traditional wooden οf machiva merchant houses. Due to the fact that property taxes were formerly based upon frontage. the street were built with houses facades only narrow five to six meters wide, but extend up to twenty meters in from the street.

The most popular area of Gion is Hanami-koji Street from Shijo Avenue to Kenninji Temple. The street and its side alleys are lined with preserved machiya houses, many of which now function

as restaurants. This is a nice (and expensive) place to dine, serving Kyoto style kaiseki ryori (Japanese haute cuisine) and other types of local and international meals.

Another scenic part of Gion is the Shirakawa Area which runs along the Shirakawa Canal parallel to Shijo Avenue. The canal is lined by willow trees, high class restaurants and ochaya, many of which have rooms overlooking the canal. As it is a little off the beaten path, the Shirakawa Area is typically somewhat quieter than Hanami-koii Street.



Shirakawa Area





#### **Kyoyo Tower**

Standing 131 meters tall just across from Kyoto Station, Kyoto Tower (京都タワー) is Kyoto's tallest structure and a rare modern iconic landmark in the city famous for its ancient temples and shrines. The tower was completed in 1964, the same year as the opening of the Shinkansen and the Tokyo Olympics.



World famous Inari-shrines

A viewing platform is located 100 meters above ground and rewards a 360 degree view of Kyoto and as far as Osaka on clear days. Kyoto Tower stands on top of a typical commercial building, which contains souvenir shops, restaurants and a hotel, as well as a public bath in the basement.

### **Tokyo**

Tokyo, the capitol of Japan, was originally called Edo. Tokyo is known as a hyper-modern illuminating city that never sleeps. It provides a mix of new and ancient Japanese culture and customs.

The Greater Tokyo Area 39.8 million with inhabitants the second largest metropole the world (the largest being Guagzhou, China, estimated at 48.6 million). The metropole consists of the Kanto region with its seven prefectures and the prefecture of Yokohama.

The prefecture of Tokyo, also known as Tokyo Metropolis, consists of 23 districts, all of which are autonomous communities with their

own government and city rights. In other words: each district is a different city, yet together they form one urban entity.

Tokyo belongs to the main financial three hubs; the other two being New York and London Tourism is an important source of income for the city. Tourists visit the city to experience extremes: from ancient structures like the Senso-ii temple to modern towers like the Skytree.

#### **Tokyo Station**

Tokyo Station is the main railway station of Tokyo. It was opened in 1914 and was designed by architect Tatsuno Kingo to commemorate the winning of the Russian-Japanese war. Some say the design was based on Amsterdam Central Station.

Served bv Shinkansen high-speed rail lines. Tokyo Station is the main intercity rail terminal in Tokyo. It is the busiest station in Japan in terms number οf trains per day (over 3.000). and the fifth-busiest in Eastern lapan in terms of passenger throughput. It is also served by many regional commuter lines of Japan Railways, as well as the Tokyo Metro network.

#### Koishikawa garden

The Koishikawa garden, formally called Koishikawa-kōraku-en (小石川後楽園), is a small garden in Tokyo. Well preserved

from the Edo period, it is one of the oldest gardens in Tokyo. The garden features scenes that represent famous Japanese and Chinese landscapes.

As typical for strolling gardens, there is a pond in the middle of the garden, and a path that leads around it. The garden master designed the garden that the visitor sees a different scenery, a different view every few steps. The pond of the garden is fed by the water of the nearby Koishikawa river

#### **Tokvo Dome**

Tokvo Dome. holding 55.000. is the home stadium of the Yomiuri Giants. professional a baseball team. Concerts. festivals and other events are held in the stadium when there are no games. The structure was completed in 1988 and replaced the former Korakuen Stadium.

Tokyo Dome's original nickname was "The Big Egg", with some calling it the "Tokyo Big Egg". Its dome-shaped roof is an air-supported structure, a flexible membrane supported by slightly pressurizing the inside of the stadium.

#### Shibuya

Shibuva (渋谷) is one of the twenty-three city wards of Tokvo. but often refers to just the popular shopping and entertainment area found around Shibuya Station. In this regard, Shibuya is one of Tokyo's most colorful

and busy districts, packed with shopping, dining and nightclubs serving swarms of visitors that come to the district every day.

A prominent landmark of Shibuya is the large intersection in front of the station's Hachiko Exit. The intersection is heavily decorated by neon advertisements and giant video screens and gets flooded by pedestrians each time the crossing light turns green, making it a popular photo and movie filming spot.



Yoyogi National Gymnasium

#### Yoyogi Park

Yoyogi Park (代々木公園, Yoyogi Kōen) is one of Tokyo's largest city parks, featuring wide lawns, ponds and forested areas.

In 1964, the area was used for the Tokyo Olympics housing the main athletes village and the Yovogi National Gymnasium. The distinctive building. which was designed by Kenzo Tange, hosted the swimming and divina. with an annex for the haskethall In 1967 most of the area north of the gymnasium complex and south of Meiji Shrine was turned into Yoyogi Park.

The Gymnasium is famous for its suspension roof design, which inspired Frei Otto's arena designs for the Olympic Stadium in Munich. The Yoyogi Gymnasium will be used again during the Tokyo 2020 Summer Olympics, when it will serve as venue for the handball competitions.

#### **Tokyo Tower**

Standing 333 meters high in the center of Tokvo. Tokvo Tower (東京タワー) is the world's tallest, selfsupported steel tower and 13 meters taller than its model, the Fiffel Tower. A symbol of Japan's postwar rebirth as a major economic power, Tokyo Tower was the country's tallest structure its completion in 1958 until 2012 when it was surpassed by the Tokyo Skytree. In addition to being a popular tourist spot, Tokyo Tower serves as a broadcast antenna.



Tokyo Tower

#### **Cocoon Tower**

The Mode Gakuen Cocoon Tower is a 204-meter, 50 story educational facility located in Nishithe Shiniuku district. The building is home to three educational institutions: Tokvo Mode Gakuen (fashion school). HAI Tokyo (special technology design college). and Shuto Ikō (medical college).

Before selecting design for its new Tokyo location. Mode Gakuen held a competition asking architects submit to design proposals for the building. The only condition was that the buildina could not rectangular. be More than 150 proposals by approximately architects were submitted. The winning proposal was cocoon-like structure designed by Tange Associates. According to Tange Associates the building's cocoon shape svmbolizes a building that nurtures the students

inside. White aluminum and dark blue glass exterior form the structure's curved shell, which is criss-crossed by a web of white diagonal lines earning it the name "Cocoon Tower".

#### **Toranomon Hills**

Hills Toranomon is skyscraper complex built by Mori Building, in the Toranomon District οf Minato The tower was designed by Nihon Sekkei and is the tallest building in Tokyo, with an architectural height of 255.5 meters, surpassing the Midtown Tower (248m).

The main tower called the Mori Building: houses the Andaz Tokvo Toranomon Hills Hotel (164 rooms facility). spa private residences. offices. conference spaces and room for retailers.

#### **Imperial Palace**

The current Imperial Palace (皇居, Kōkyo) is located on the former site of Edo Castle, a large park area surrounded by moats and massive stone walls in the center of Tokyo, a short walk from Tokyo Station. It is the residence of Japan's Imperial Family.

Edo Castle used to be the seat of the Tokugawa shogun who ruled Japan from 1603 until 1867. In 1868, the shogunate was overthrown, and the country's capital and Imperial Residence were moved from Kyoto



Imperial Palace

to Tokyo. In 1888 the construction of a new Imperial Palace was completed. The palace was destroyed once during World War II, and rebuilt in the same style, afterwards.

The inner grounds of the palace are generally not open to the public. Only on January 2 (New Year's Greeting) and December 23 (Emperor's Birthday). visitors are able to enter the inner palace grounds and see the members of the Imperial Family, who make several public appearances on a balcony. Adiacent to the inner grounds of the palace are the Imperial Palace East Gardens which are open to the public throughout the year.

The East Gardens (皇居 東御苑, Kōkyo Higashi Gyoen) are the former site of Edo Castle's innermost circles of defense, the honmaru ("main circle") and ninomaru ("secondary circle"). None of the main buildings remain today, but the moats, walls, entrance gates and several guardhouses still exist.

A wide lawn and the remaining foundation of the former castle tower can be found on top of the hill, where the castle's innermost buildings once stood. The castle tower was completed in 1638 as the tallest castle tower in Japan's history. But only a few years later in 1657, it was destroyed by citywide fires and has not been rebuilt since

In place of the former buildings in the secondary circle of defense (ninomaru) at the foot of the hill, a nice Japanese style garden has been created.

#### **Odaiba Island**

Odaiba (お台場) is a popular shopping and entertainment district on a manmade island in Tokyo Bay. It originated as a set of small man

made fort islands (daiba literally means "fort"), which were built towards the end of the Edo Period (1603-1868) to protect Tokyo against possible attacks from the sea.

More than a century later, the small islands were ioined into larger islands by massive landfills, and Tokyo began a spectacular development project aimed to turn the islands into a futuristic residential and business district during the extravagant 1980s. But development was critically slowed after the burst of the "bubble economy" in the early 1990s, leaving Odaiba nearly vacant.

#### **Fuji TV Building**

Hours: 10:00 to 18:00 Closed: Mondays (or Tuesday if Monday is a national holiday).

Admission: Free (observation

deck: 550 yen)

The headquarters of Fuji Television, one of Japan's private, nationwide

T\/ stations You can exhibits 566 some on popular programs. buv Fuji TV goods at a shop and access the futuristic lookina building's observatory deck housed in the sphere shaped part of the building.

#### Palette Town

Palette Town iς а shopping large and complex entertainment consisting of the Venus shopping mall. Fort Toyota Mega Web, a Ferris Wheel, the Zepp Tokyo music venue and Tokyo Leisureland

#### **Venus Fort**

Hours: 11:00 to 21:00 Restaurants: 11:00 to 23:00

Admission: Free

Venus Fort is a shopping mall in the style of a 18th century South European town. The mall features over a hundred shops, fashion boutiques, cafes and restaurants on three floors including a few outlets shops on the upper floor.

#### **Ferris Wheel**

Hours: 10:00 to 22:00 (until 23:00 on most Fridays,

Saturdays)

Admission: 920 yen (entire

cabin: 3080 yen)

The 115 meter tall ferris wheel is one of the world's largest and offers nice views of Tokyo Bay and Odaiba below. Each cabin seats six (or four in the all-glass cabins), and the complete revolution takes about 15 minutes.

#### Tokyo Big Sight

known Also as Tokvo International **Exhibition** Center, Tokyo Big Sight is Japan's largest exhibition and convention center and one of the bay islands' architectural holdest A wide array creations. of events are held at the Big Sight throughout the year including the Tokyo International Anime Fair. the Comiket comic fair and the Tokvo Motor Show

## Japanese Temples

Religion and tradition are two important aspects of the Japanese lifestyle. The craftsmanship of the Japanese carpenters make sure that shrines and temples are able to withstand the many challenges nature has, surviving earthquakes for centuries.

The major religions are Shintoism and Buddhism. the first originates in Japan but the latter is imported from the Chinese regions. however Roth have distinct aspects which shrines and temples can be identified with for its purpose. The temples built considering the Chinese 5 elements of thought, depending on which thought it is supposed to serve the appearance changes. That the religions have a major part in the Japanese culture can be seen by the way society is influenced, Japan's economy has had rough times when too much had flown into the religion. Besides that multiple normal or traditional Japanese habits originate in the religions, even though not all Japanese are followers of the religion.

Fushimi Inari Shrine. located in in Fushimi Ward in Kvoto is one of the oldest and most famous Shinto shrines. Shintoism is the traditional religion of Japan. The word Shinto is composed out of the two Chinese characters □ meaning god and road, translated as 'road gods'. The religion itself is hard to define, it is part animistic but because it has evolved over time.



the gods (kami) have been humanized. The fact that Shinto is commonly practiced but not believed in adds to the complexity. The average Japanese will carry out certain rituals. but only because they are part of daily life or the lapanese culture. The kami, neither singular nor plural, are also to be understood as a singular divinity sacred or a essence. Yet they are not transcendent deities as perceived in the western world, they reside in the same world as the humans do. At the location of such a presence/essence a shrine may be built to house it and to have a designated location for worship.

An important aspect for Shintoism is the idea of impurity and purification. Impurity comes into being with bad actions (kegare) but is not considered wrong. Rather it is for someone's own peace of mind and good fortune to be pure (kiyome). This is why Purification rites (harae) are a vital part of Shinto and are done on a regular basis.

The kami worshipped at the Fushimi Inari Shrine is Inari, the god of rice, harvest and patron of business. The statues of foxes (kitsune), regarded as the messengers of the gods are found all over the shrine grounds therefore have as attribute a key for the rice granary in their mouth.

The empire became the patron of the shrine early as 965 as earliest structures the were built in 711 the Inariyama hill southwestern Kvoto. After in 816 they relocated the shrine to its present location. The main shrine (go-honden) structure was built in 1499 at the bottom of the hill. It is reached by going through the main gate (romon) at the bottom of the hill. Behind the main shrine a path, lined by thousands of gates (torii). leads to the inner shrine (okumiya). inner shrine displays its treasure, a mirror, openly, which is uncommon for Shinto shrines. The torii lining the path to the inner shrine are all given persons. bv iapanese businesses families or since it is believed that it helps getting a wish hecome true or thank for a wish coming true. This custom has its origins in the Edo period (1603-1868). Beyond the main buildings (iinia) going up to the top of the mountain, are tens of thousands of mounds (tsuka) for private worship.

**Todai-ji Temple** (Nara) and the **Senso-ji Temple** (Tokyo) are both Buddhist temples.

Buddhism was officially introduced to Japan in 552, but originated in China. At first the practice only took place in Nara and Asuka, the ancient capital cities, hence the age of the Todaiji Temple. In 743 the construction was ordered by the Emperor and the temple was finished 10

vears later in 752. Millions οf Japan's inhabitants contributed with work or goods to fund the project that would help protect the country. In the end it nearly bankrupted Japan's economy. Especially hecause it houses the world's largest **bronze** of the Buddha statue named Vairocana, known as the Daibutsu in Japan. The statue is 15 meters hiah and 500 tonnes heavy. after casting hardly any bronze was left in Japan. The golden halo behind the statue and the lacquered cinnabar pillars, 1.5 m in diameter and 30 m long also did not come cheap.

During the ages buildings of the complex been set on fire multiple times The renovations resulted in the eclectic building stvle it todav. Originally the Daibutsuden (main buildina) was flanked by two pagodas of 100 meters high, in 1180 they were burnt and never got rebuilt. The Daibutsuden also had to be renovated several times, and due to economic reasons its size was diminished to a width of 88 meters. depth 51.5 and a height of 48.5 meter. Despite all renovations it still is the second largest wooden building in the world.



There are many different schools in Buddhism. and each has a slightly different take on same religion. The Todaiii serves as the Japanese headquarters of the Kegon school of Buddhism. The Keaon school believes that nothing stands on itself apart from the whole, and that reflects all existence other existences: The universe is self-creating and at the center of it all stands Vairocana.

The **Senso-ii Temple**, is the oldest and most significant temple in Tokyo. It was founded and associated 645 with the Tendai sect of Mahayana Buddhism. Legend has it that in 628 a of the statue Kannon, the Bodhisattva (a being striving to attain Buddhahood) Kannon. was found in a river by fishermen two whose village chief recognized its divine aura and turned his own house into a temple in order that the villagers could worship Kannon.

The original structures destroved were in bombing in the Second World War after which the temple was rebuilt and also became independent. To reach the temple one has to pass the Thunder Gate. Kaminarimon. shopping street. the Nakamise-dori, and Treasure House Gate. Within Hōzōmon the courtvard of the temple a quiet Japanese garden is kept. One of the trees in this garden was bv a bombshell hut branch grew out of its remains. The voung tree symbolizes the rebirth of the temple itself.



The temple shares its precincts with a pagoda (devoted to Kannon) a Shinto shrine and an shrine. Asakusa This acceptance οf other religions is in line with the Mahavana Buddhism. since this kind Ruddhism teaches that the capability to attain enlightenment, is intrinsic in all things, for the nature of things stays the same. it is the human perception that differs

Buddhist architecture in Japan is not native, but was imported from China and other Asian cultures over the centuries. The general structure is almost always the same: columns and lintels support a large and gently curved roof, while the walls are paper-thin, often movable and in any case noncarrying. These structures were usually made out of timber, but without the use of any nails or screws. because wouldn't allow the wood to last as long as it does now. This could be done due to the extraordinary craftsmanship of Japanese carpenters. Earthquakes are also common in Japan, therefore the movement in the joints of the timber allow structures structures to be ductile enough to withstand the earthquakes for centuries without anv significant damage.

The temples were (at least in the beginning) mostly designed by the Chinese five elements school of thought. They believed that many natural phenomena naturally fell under five categories. Six groups of five categories were established as a rule to the building of edifices.

Table 1 - Rules for building efifices

Five elements	Wood	Fire	Earth	Metal	Water
Position	East	South	Middle	West	North
Weather	Windy	Hot	Humid	Dry	Cold
Colour	Green	Red	Yellow	White	Black
Evolution of living Things	Birth	Growth	Change	Weak- ening	Hiding
Symbolic	Pros- perity	Riches and honor	Power	Desola- tion	Death

For example, a palace for a new prince would be placed east to symbolize birth, and yellow tiles would be used for the imperial palace to symbolize power. Pretty much all the temples can be categorized in this way.

# Willem's Food Guide

Below you can find typical Japanese cuisine, selected by Willem for you to try.

l Udon 饂飩 or うどん

A type of thick wheat flour noodle, used frequently in Japanese cuisine. Udon is often served hot as a noodle soup in its simplest form, as kake udon, in a mildly flavoured broth called kakejiru, which is made of dashi, soy sauce, and mirin. It is usually topped with thinly chopped scallions.

Other common toppings include tempura, often prawn or kakiage (a type of mixed tempura fritter), or aburaage, a type of deep-fried tofu pockets with seasoned sugar, mirin, and soy sauce. A thin slice of kamaboko. a halfmoon-shaped fish cake. is often added. Shichimi can be added to taste.



#### 2 Sashimi 刺身

This Japanese delicacy consists of very fresh raw meat or fish sliced into thin pieces.

#### **3** Unagi ウナギ

Unagi is the Japanese word for freshwater eel, especially the Japanese eel, Anguilla japonica (nihon unagi 日本鰻). Unagi is a common ingredient in Japanese cooking, often as kabayaki. It is not to be confused with saltwater eel, which is known as anago in Japanese.

#### 4 Teppanyaki 鉄板焼

A style of Japanese cuisine that uses an iron griddle to cook food. The word teppanyaki is derived from teppan (鉄板), which means iron plate, and vaki (焼き), which means grilled, broiled, or panfried. In Japan, teppanyaki refers to dishes cooked iron usina an plate. including steak, shrimp, vakisoba, and monjayaki.







#### **Tempura** 天ぷら or 天麩羅

A Japanese dish usually consisting of seafood or vegetables that have been battered and deep fried. The dish was influenced by fritter-cooking techniques introduced by Portuguese residing in Nagasaki in the 16th century, and the name "tempura" relates to that origin.

#### 6 Yakitori 焼き鳥

lapanese type of skewered chicken. Its involves preparation skewering the meat with kushi (串), a type of skewer typically made of steel, bamboo, or similar materials Afterwards. they are grilled over a charcoal fire. During or after cooking, the meat is typically seasoned with tare sauce or salt.

### **6** Yakiton

Yakiton is practically the same as Yakitori, only in this case pork meat is used for the skewers.











#### **7** Sukiyaki 鋤焼 or すき焼き

A lapanese dish that is prepared and served in the nabemono (Japanese hot pot) style. It consists of meat (usually thinly sliced beef) which slowly cooked simmered at the table. alongside vegetables and other ingredients. in a shallow iron pot in a mixture of sov sauce. sugar. and mirin. ingredients usually are dipped in a small bowl of raw, beaten eggs after being cooked in the pot. and then eaten. Generally sukiyaki is a winter dish and it is commonly found bōnenkai. lapanese year-end parties.

#### Okonomiyaki お好み焼き

A Japanese savory pancake containing a variety of ingredients. The name is derived from the word okonomi, meaning "how you like" or "what you like", and yaki meaning "grill". Okonomiyaki is mainly associated with the

Kansai or Hiroshima areas of Japan, but is widely available throughout the country. Toppings and batters tend to vary according to region. In Tokyo, there is a semiliquid okonomiyaki called 'monjayaki.'

### 9 Omurice (Kyoto) オムライス [Omuraisu]

An example of voshoku Western-influenced style of lapanese cuisine) consisting of an omelette made with fried and usually topped with ketchup. With omu and raisu being contractions of the words omelette and rice, the name is an example of Gairaigo. is a popular dish both commonly cooked home and often found at style diners western in lapan.









Ramen 拉麺 or ラーメン Consists of Chinese-style wheat noodles served in a meat or (occasionally) fish-based broth, often flavored with soy sauce or miso, and uses toppings such as sliced pork (叉焼 chāshū), dried seaweed ( 海苔 nori). menma 麻). and green onions ( negi). Nearly every region in Japan has its own variation of ramen. from the tonkotsu (pork bone broth) ramen Kyushu the miso to οf Hokkaido ramen

Takoyaki (Osaka) たこ焼き or 蛸焼 ball-shaped lapanese snack made of a wheat flour-based batter cooked in special a molded pan. It is typically filled with minced or diced octopus (tako), tempura scraps (tenkasu), pickled ginger, and green onion. Takovaki are brushed with takovaki sauce (similar to Worcestershire sauce) and mayonnaise, and then sprinkled with

green laver (aonori) and shavings of dried bonito. There are many variations to the takoyaki recipe, for example, ponzu (soy sauce with dashi and citrus vinegar), gomadare (sesame-and-vinegar sauce) or vinegared dashi.

Sushi すし、寿司、鮨 A Japanese dish of specially prepared vinegared rice (鮨飯 sushi-meshi). usually with some sugar and salt. combined with a variety of ingredients (ネタ neta). such seafood. vegetables. and occasionally tropical fruits. Styles of sushi and its presentation vary widely, but the key ingredient is "sushi rice", also referred to as shari (しゃり), or sumeshi (酢 飯). The term sushi is no longer used in its original context and literally means "sour-tasting."

**13** Gyōza ギョーザ, ギョウザ The lapanese word for gyōza was derived from the reading of 餃 子 in the Jilu Mandarin (qiăoze) and is written using the same Chinese characters. The selection characters indicates that the word is of non-Japanese origin, Following the Second World War. soldiers lananese returned from Manchuria brought home recipes. The most popular preparation method is the pan-fried style called yakigyōza (焼き餃子), in which the dumpling is first fried on one flat side, creating a crispy skin. Then, water is added and the pan sealed with a lid, until the upper part of the dumpling is steamed. Other popular include <sup>.</sup> methods boiled sui-gyōza (水餃子) and deep fried age-gyōza (揚 げ餃子).

