## Chords with 1st and 4th string roots

## $1^{\text {st }} 2^{\text {nd }} 4^{\text {th }}$ string root intervals

1st 2 nd 4 th string roots -6 th, 7 th and 9 th intervals


## The major chord with root on $1^{\text {st }}$ and $4^{\text {th }}$ strings

 $6^{\text {th }}$ chord (same as the major $6^{\text {th }}$ chord) spelling: root - major $3^{\text {rd }}$ - fifth - major 6thmajor chord - 1st and 4th string root


Above is the major chord finger pattern with root on $1^{\text {st }}$ and $4^{\text {th }}$ strings.

## $6^{\text {th }}$ chord from the major chord

To play the major $6^{\text {th }}$ chord, we just need to add a Major $6^{\text {th }}$ note to the major chord triad.
Major chord: root - major $3^{\text {rd }}-$ fifth

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\text { Major } 6^{\text {th }}: \text { root }- \text { major } 3^{\text {rd }}-\text { fifth }- \text { major } 6^{\text {th }}
$$

From the interval diagramn, we find a major $6^{\text {th }}$ note on the $2^{\text {nd }}$ string, two frets to the right of the $5^{\text {th }}$ note.

The major $6^{\text {th }}$ chord
Play the major $6^{\text {th }}$ note on the $2^{\text {nd }}$ string, replacing the $5^{\text {th }}$ on the $2^{\text {nd }}$ string, to get the major $6^{\text {th }}$ chord.
major 6th chord - 1st and 4 th string root


Play the root note on the first string or the 5th note on the 5th string

## Finger patterns to play the major $6^{\text {th }}$ chord

Finger pattern 1 - no 5th, repeated root
major 6th chord - 1st and 4th string root


Numbers outside each circle shows suggested fingering

Finger pattern 2 - Root, $3^{\text {rd }}, 5^{\text {th }}, 6$ th
major 6th chord - 1st and 4th string root


Numbers outside each circle shows suggested fingering

## The Minor $6^{\text {th }}$ chord

Change the major $3^{\text {rd }}$ note of the major $6^{\text {th }}$ chord to a minor $3^{\text {rd }}$ note, to get the minor $6^{\text {th }}$ chord.
Shift your finger one fret to the left, to play the minor $3^{\text {rd }}$ note instead of the major $3^{\text {rd }}$ note.
In the chord above, the major $3^{\text {rd }}$ note is on the $3^{\text {rd }}$ string. Shift the finger on the $3^{\text {rd }}$ string, one fret to the left to get the minor $6^{\text {th }}$ chord.
minor 6th chord - 1st and 4th string root


Numbers outside each circle shows suggested fingering

## 6 add 9 chords

Adding a $9^{\text {th }}$ note (major $2^{\text {nd }}$ note) to a major chord gives us the added $9^{\text {th }}$ chord. Adding the $9^{\text {th }}$ chord to a minor chord gives us the minor added $9^{\text {th }}$ chord.

When the $9^{\text {th }}$ note (major $2^{\text {nd }}$ note) is added to a $6^{\text {th }}$ chord (major or minor 6 th), we get the corresponding 6 add 9 chord.

## 6 add 9 chord from the $6^{\text {th }}$ chord

## major 6th chord - 1st and 4th string root



Numbers outside each circle shows suggested fingering

A look at the interval diagram shows that there is a major $2^{\text {nd }}$ on the $1^{\text {st }}$ string, 2 frets to the right of the root note. Play the major $2^{\text {nd }}$ note on the $1^{\text {st }}$ string, instead of the root note, to get the major 6 add $9^{\text {th }}$ chord as shown in the figures below.

6 add 9 chord fingering one - no 5th
major 6 add 9 chord - 1st and 4th string root


Numbers outside each circle shows suggested fingering

6 add $9^{\text {th }}$ chord fingering two: root- M3 $-5^{\text {th }}-$ M6- $9^{\text {th }}$ (M2)
Include the $5^{\text {th }}$ note on the $5^{\text {th }}$ string also, to play all the notes of the 6 add $9^{\text {th }}$ chord as shown below
major 6 add 9 chord -1 st and 4th string root
little finger barre


Numbers outside each circle shows suggested fingering

## The minor 6 add $9^{\text {th }}$ chord

There are two ways to look at the minor 6 add 9 chord

1. As a minor $6^{\text {th }}$ chord with $9^{\text {th }}$ note added
2. Or as a 6 add $9^{\text {th }}$ chord with the major $3^{\text {rd }}$ note shifted to a minor $3^{\text {rd }}$ note.

## Minor $6^{\text {th }}$ add $9^{\text {th }}$ chord from the minor $6^{\text {th }}$ chord

## minor 6th chord - 1st and 4th string root



Numbers outside each circle shows suggested fingering

Above is a minor $6^{\text {th }}$ chord fingering we have seen in the previous section.

Add the major $2^{\text {nd }}$ note to the chord to get the minor 6 add 9 chord as shown below
minor 6 add 9 chord -1 st and 4th string root
little finger barre


Numbers outside each circle shows suggested fingering
Minor $6^{\text {th }}$ add $9^{\text {th }}$ chord from the 6 add $9^{\text {th }}$ chord
major 6 add 9 chord -1 st and 4 th string root


Numbers outside each circle shows suggested fingering
Shift the major $3^{\text {rd }}$ note in the chord above to a minor 3 trd note to get the minor 6 add $9^{\text {th }}$ chord.

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\text { minor } 6 \text { add } 9 \text { chord }-1 \text { st and } 4 \text { th string root }
$$



Numbers outside each circle shows suggested fingering

## Chord with roots on $2^{\text {nd }}, 4^{\text {th }}, 5^{\text {th }}$ strings

$2^{\text {nd }}, 4^{\text {th }}, 5^{\text {th }}$ string root intervals

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\text { 2nd } 5 \text { th string roots }-6 \text { th } 7 \text { th and } 9 \text { th intervals }
$$



## Major $6^{\text {th }}$ and minor $6^{\text {th }}$ chords

$6^{\text {th }}$ chord (same as the major $6^{\text {th }}$ chord) spelling: root - major $3^{\text {rd }}-$ fifth - major $6^{\text {th }}$
Major 6th chord - 2nd string root
Start with the $2^{\text {nd }}$ string root.
Find one major $3^{\text {rd }}, 5^{\text {th }}$ and major $6^{\text {th }}$ note each in the nearby frets to play the major $6^{\text {th }}$ chord as shown below.

6 chord -2 nd string root


## Major $6^{\text {th }}$ and minor $6^{\text {th }}$ chords $-4^{\text {th }}$ string root

Similarly starting with the root on the $4^{\text {th }}$ string, we get the following pattern which is physically possible to play.


Shift the major $3^{\text {rd }}$ note on the first string to a minor $3^{\text {rd }}$ note to get the minor $6^{\text {th }}$ chord:


## Minor $6^{\text {th }}$ chord $-2^{\text {nd }}$ and $5^{\text {th }}$ string root

Starting from the $2^{\text {nd }}$ string root, find minor $3^{\text {rd }}, 5^{\text {th }}$ and Major $6^{\text {th }}$ notes to play the minor 6 chord as shown below.
minor 6 chord - 2 nd and 5 th string root


Add one more root on the $5^{\text {th }}$ string, to play the chord on 5 strings as shown below:


Notice that the two roots in the above chord pattern follows the fret board relation shown by the purple dots in the below picture.


You will find similar fret board relations repeating as the basis of note doubling in chords.

Major 6 add 9 chord
6 chord -2 nd string root


In the above $6^{\text {th }}$ chord, change the Major $3^{\text {rd }}$ note on the $4^{\text {th }}$ string to a Major $2^{\text {nd }}$ note to get the 6 add $9^{\text {th }}$ chord as shown below:

6 add 9 chord -2 nd string root


## 6 add ${ }^{\text {th }}$ chords $-5^{\text {th }}$ string root

Have a look at the interval diagram. Start with the $5^{\text {th }}$ string root and find nearby frets to play the Major $2^{\text {nd }}$, Major $3^{\text {rd }}, 5^{\text {th }}$ and Major $6^{\text {th }}$ notes to get the 6 add $9^{\text {th }}$ chord fingering as shown below.

6 add 9 chord -2 nd and 5 th string root first finger barre


Minor 6 add 9 chord with one fret shift

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\text { minor } 6 \text { add } 9 \text { chord }-2 \text { nd and 5th string root }
$$



Shift the major $3^{\text {rd }}$ note on the $4^{\text {th }}$ string to the minor $3^{\text {rd }}$ note (one fret to the left), to play the minor 6 add $9^{\text {th }}$ chord with root on the $5^{\text {th }}$ string.

## Chords with root on the $1^{\text {st }} 3^{\text {rd }}$ and $6^{\text {th }}$ strings

1st 3rd 4th 6th string roots - 6th 7th and 9th intervals


## $6^{\text {th }}$ chord $-6^{\text {th }}$ string root

Start with the root on the $6^{\text {th }}$ string. Find nearby frets to play the major $3^{\text {rd }}, 5^{\text {th }}$ and major $6^{\text {th }}$ notes to get the following chord pattern for the major $6^{\text {th }}$ chord.

6 chord - 6th string root first finger barre


## 6 add 9 chord from the $6^{\text {th }}$ chord

In the previous chord, change the Major $3^{\text {rd }}$ note on the $3^{\text {rd }}$ string to a Major $2^{\text {nd }}$ note to play the 6 added $9^{\text {th }}$ chord as shown below.

6 add 9 chord -1 st and 6 th string root first finger barre


The above finger pattern plays on all the 6 chords by playing the root on the $1^{\text {st }}$ string also.

## Minor 6 add 9th chord - $1^{\text {st }}$ string root

In the above chord, change the major $3^{\text {rd }}$ note to a minor $3^{\text {rd }}$ note to play the minor 6 added $9^{\text {th }}$ chord:
minor 6 add 9 chord -1 st string root
, fourth finger barre


Minor 6 add 9 chord with two small barres
The same chord in the previous diagram can be played as shown below using barres with both the second and $3^{\text {rd }}$ fingers.


## Minor 6 ${ }^{\text {th }}$ chord

In the above figure, shift the Major $2^{\text {nd }}$ note on the $3^{\text {rd }}$ string to a minor $3^{\text {rd }}$ note to play the minor $6^{\text {th }}$ chord.
minor 6 chord -1 st string root third finger barre


Minor $6^{\text {th }}$ chord - all strings used - root on $1^{\text {st }}$ and $6^{\text {th }}$ string
Add the root on the 6 string also, to play the chord using all the strings. This chord pattern can be shifted anywhere on the fretboard to play the minor $6^{\text {th }}$ chord with root on the $1^{\text {st }}$ and $6^{\text {th }}$ strings.

## minor 6 chord - 1st and 6th string root

 fourth finger barre

You can play the chord on just the $1^{\text {st }} 2^{\text {nd }} 3^{\text {rd }}$ and $4^{\text {th }}$ strings too, because it covers all the needed notes: root note on the first string, $5^{\text {th }}$ note on the second string, minor $3^{\text {rd }}$ note on the third string and Major $6^{\text {th }}$ note on the $4^{\text {th }}$ string.

## $6^{\text {th }}$ chord $-1^{\text {st }}$ string root

Shift the minor $3^{\text {rd }}$ note on the $3^{\text {rd }}$ string to a major $3^{\text {rd }}$ note to play the major $6^{\text {th }}$ note. To be able to physically play it, leave the $5^{\text {th }}$ and $6^{\text {th }}$ string notes and play the chord on the remaining strings as shown below.

## 6 chord -1 st string root



## $6^{\text {th }}$ chords $-3^{\text {rd }}$ string root

Start with the $3^{\text {rd }}$ string root, find the major chord notes on the nearby frets.
major chord - 3rd string root


Major chord spelling: root - major $3^{\text {rd }}-5^{\text {th }}$
Major $6^{\text {th }}$ chord: root - major $3^{\text {rd }}-5^{\text {th }}-$ major $6^{\text {th }}$.
Looking at the interval diagram, we see that there is a major $6^{\text {th }}$ note on the $1^{\text {st }}$ string. Two frets to the right of the $5^{\text {th }}$ note is a major $6^{\text {th }}$ note.

Playing the major $6^{\text {th }}$ note instead of the $5^{\text {th }}$ note on the first string along with the other notes of the chord gives us the major $6^{\text {th }}$ chord with root on the $3^{\text {rd }}$ string, as shown below:
major 6 chord - 3 rd string root


## The minor $6^{\text {th }}$ chord $-3^{\text {rd }}$ string root

Shift the major $3^{\text {rd }}$ note on the second string to a minor $3^{\text {rd }}$ note by playing the note one fret to the left.
minor 6 chord - 3 rd string root


Though we can find a major $2^{\text {nd }}$ note two frets to the right of the root note on the third string, it is not very convenient to play it along with any other root in the vicinity. You can try such chord patterns without the route if you are playing with other instruments that will mark the root note for us (eg, the bass) or if the arrangement will be fine without the root in this chord.

