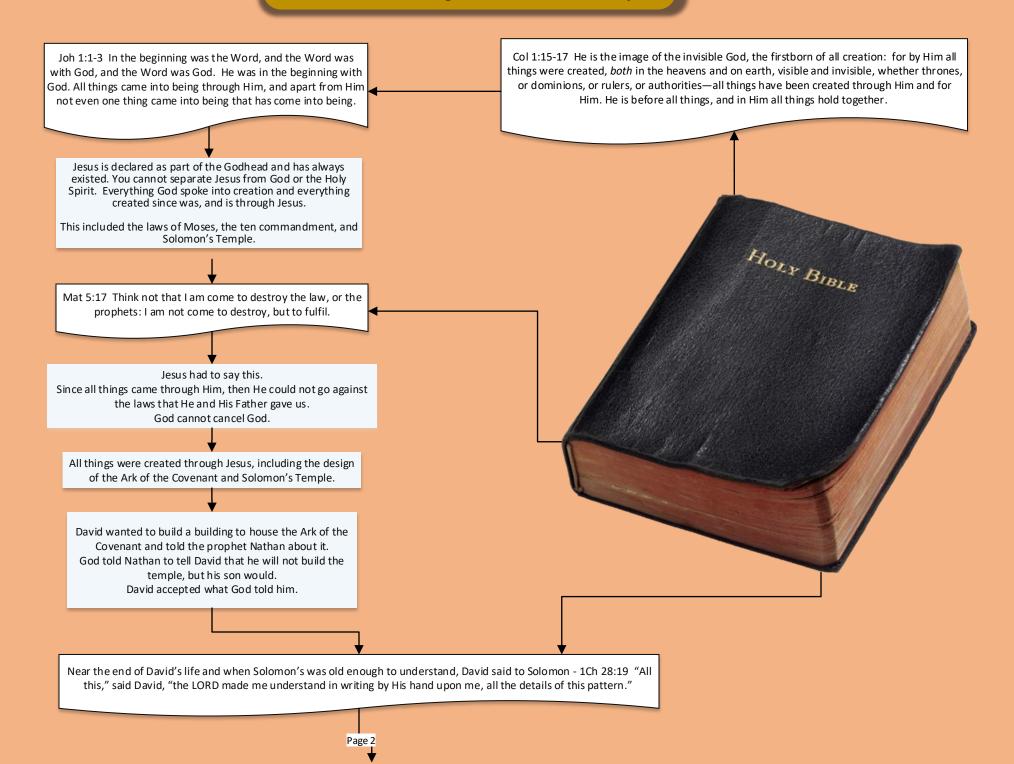
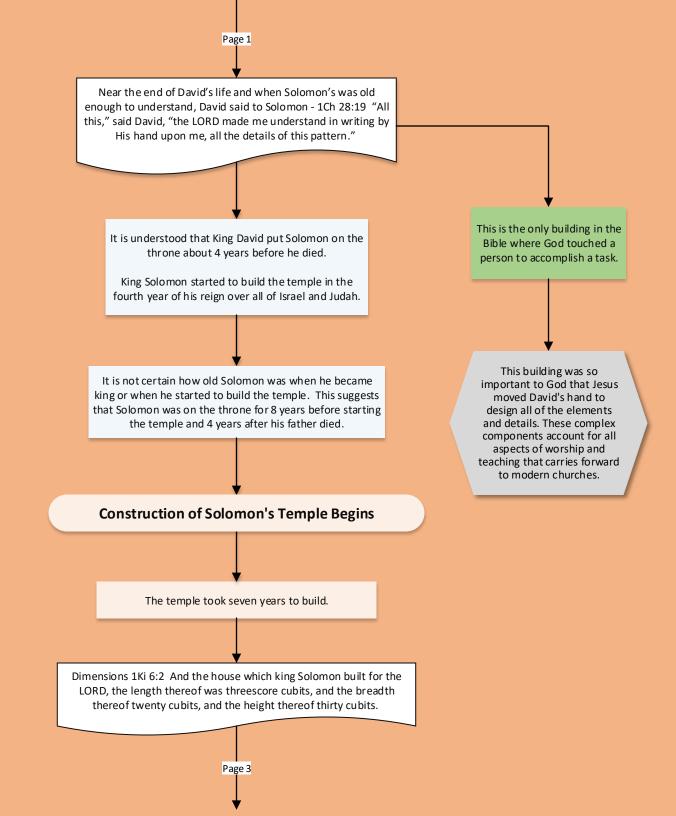
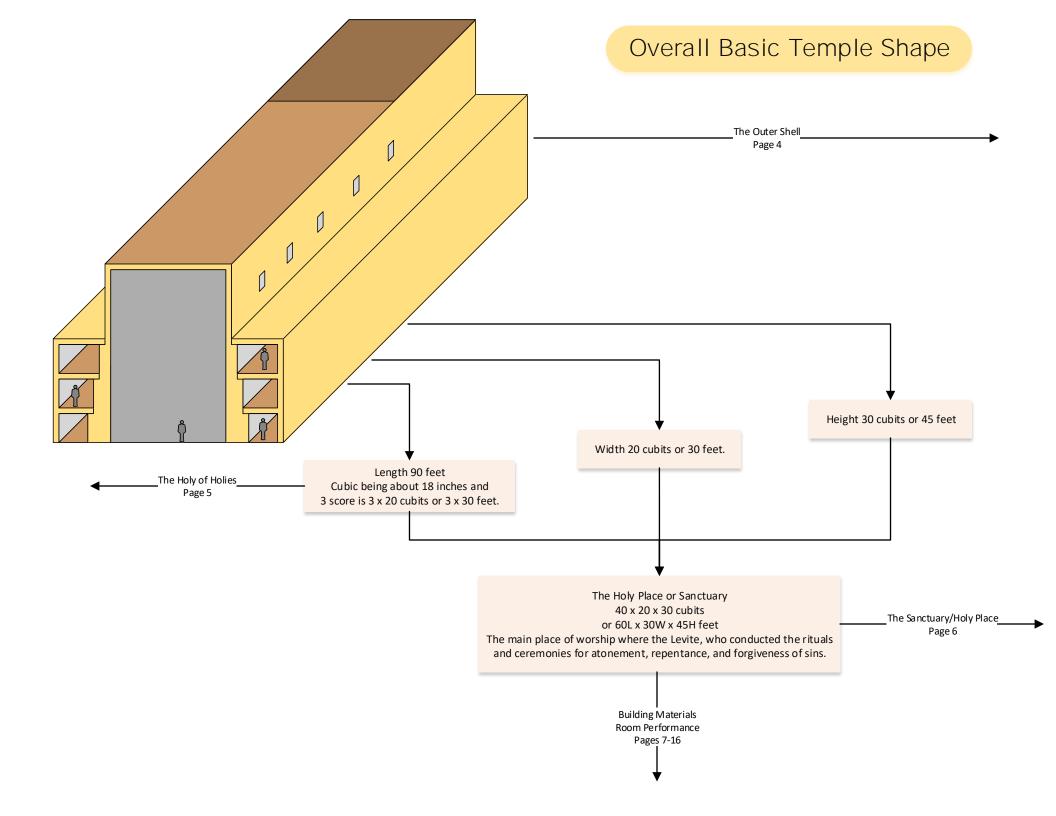
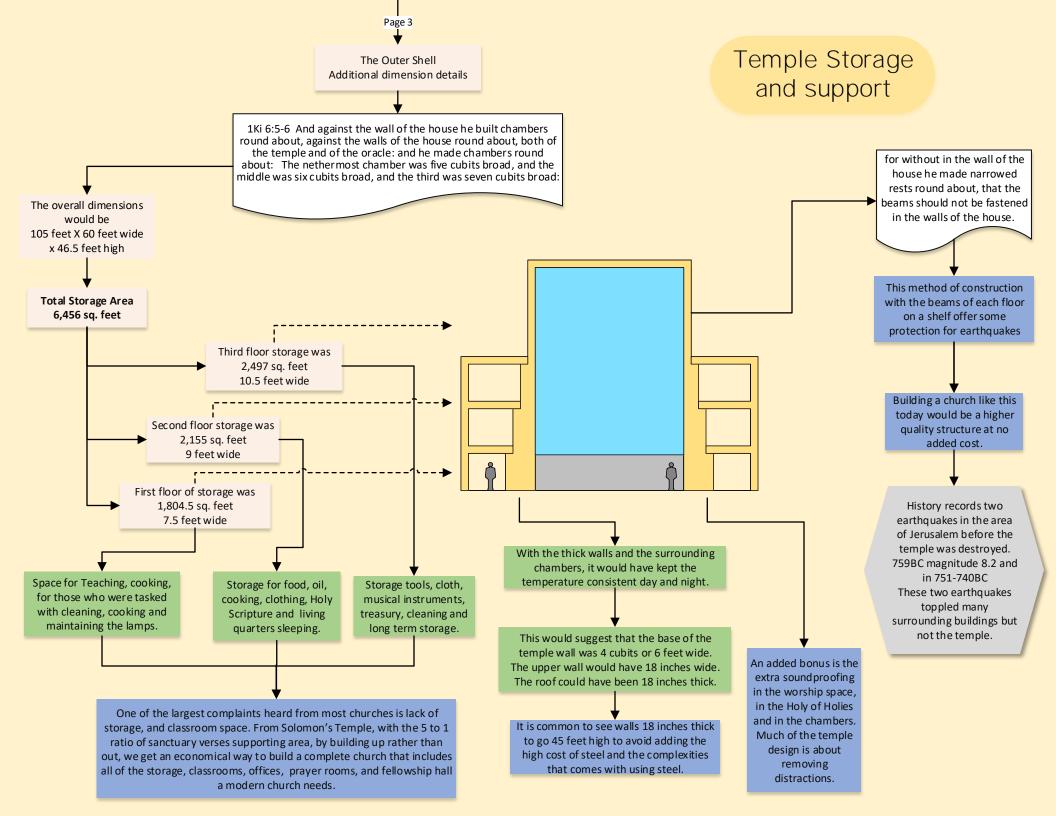
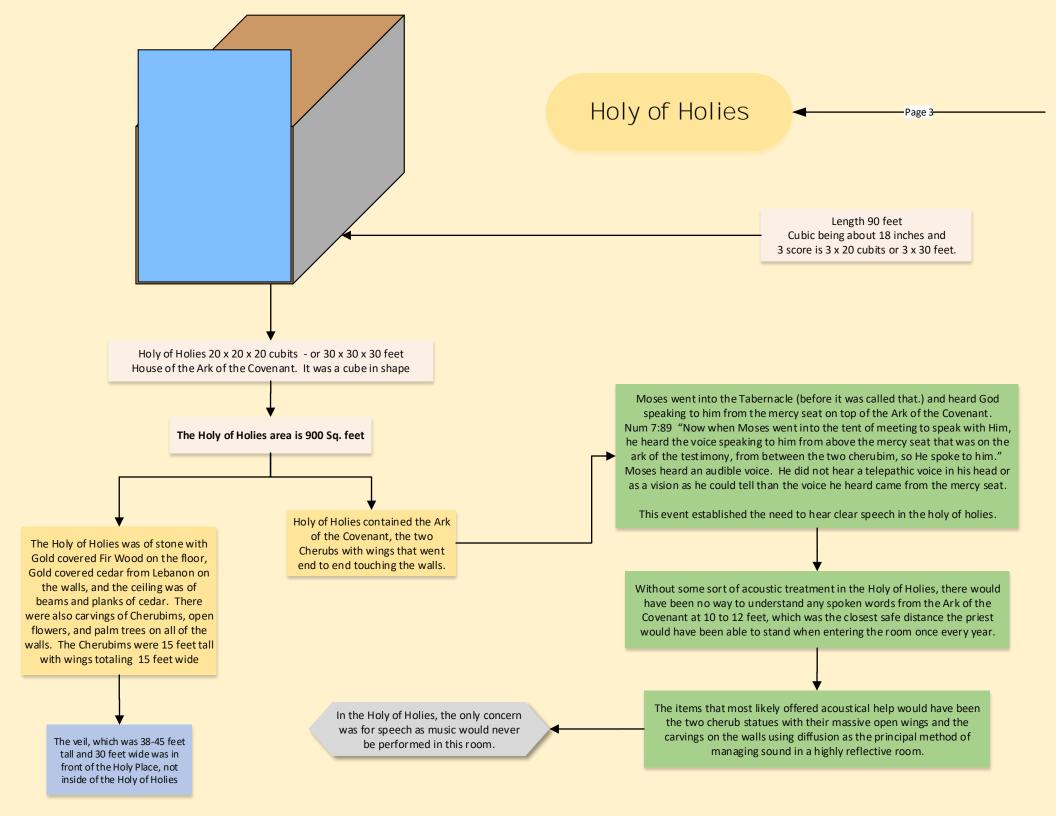
The House God Designed or Solomon's Temple

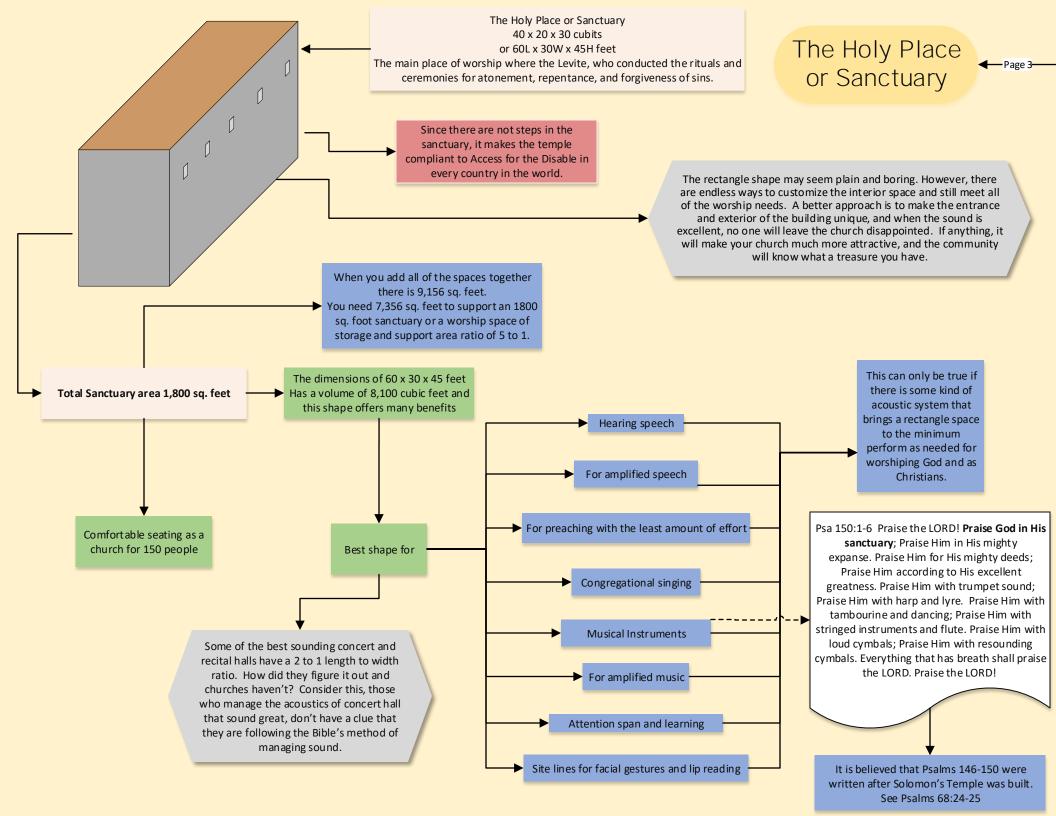


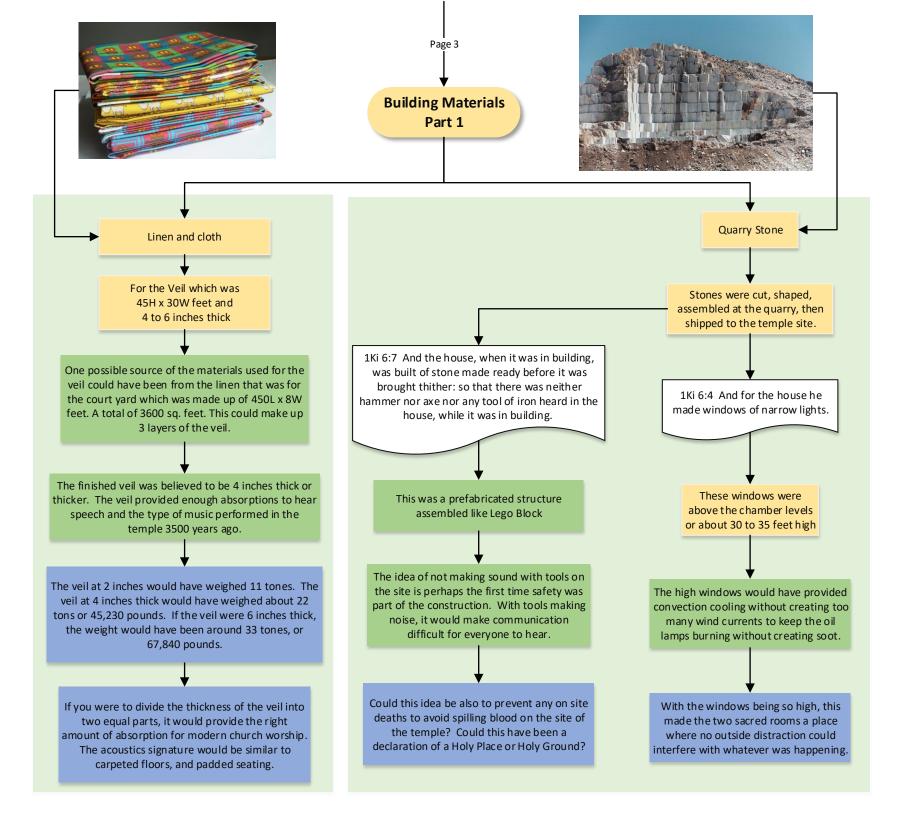


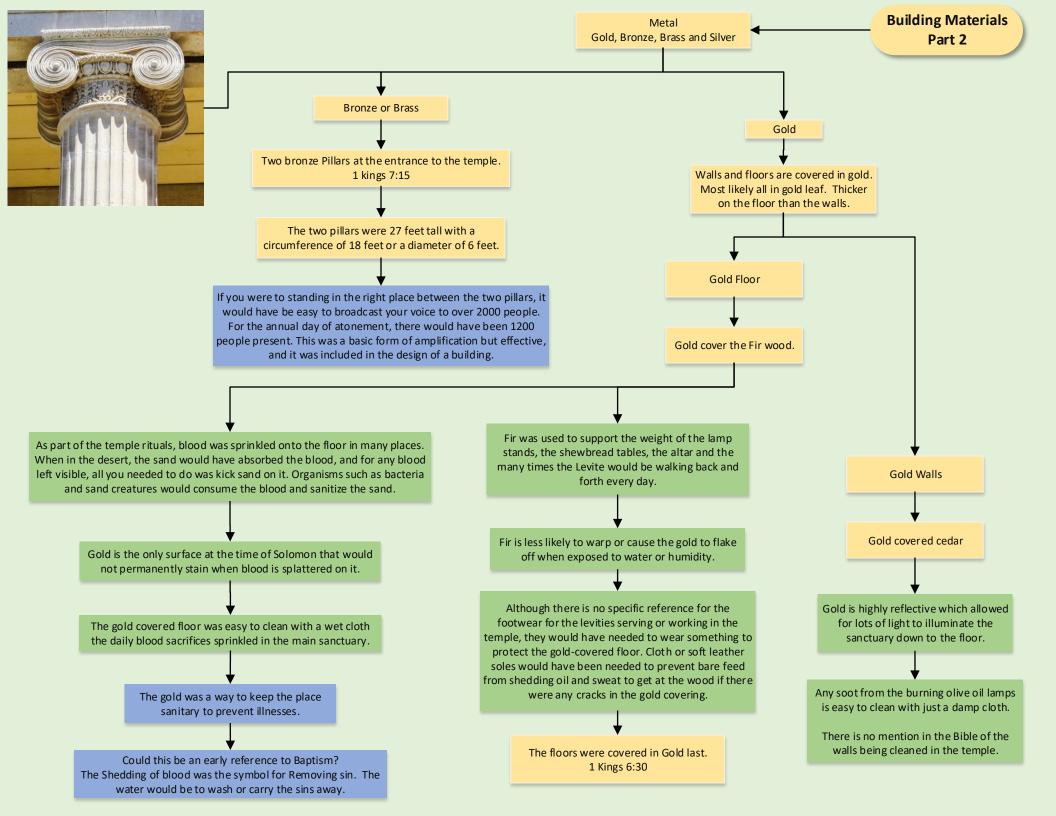


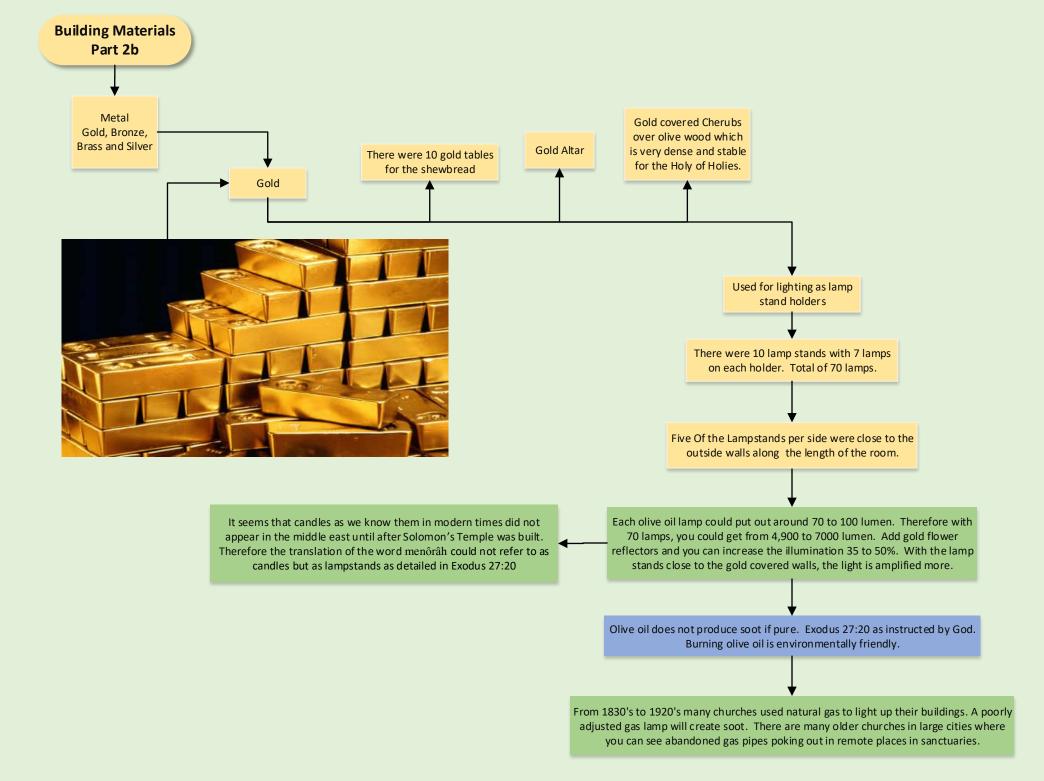


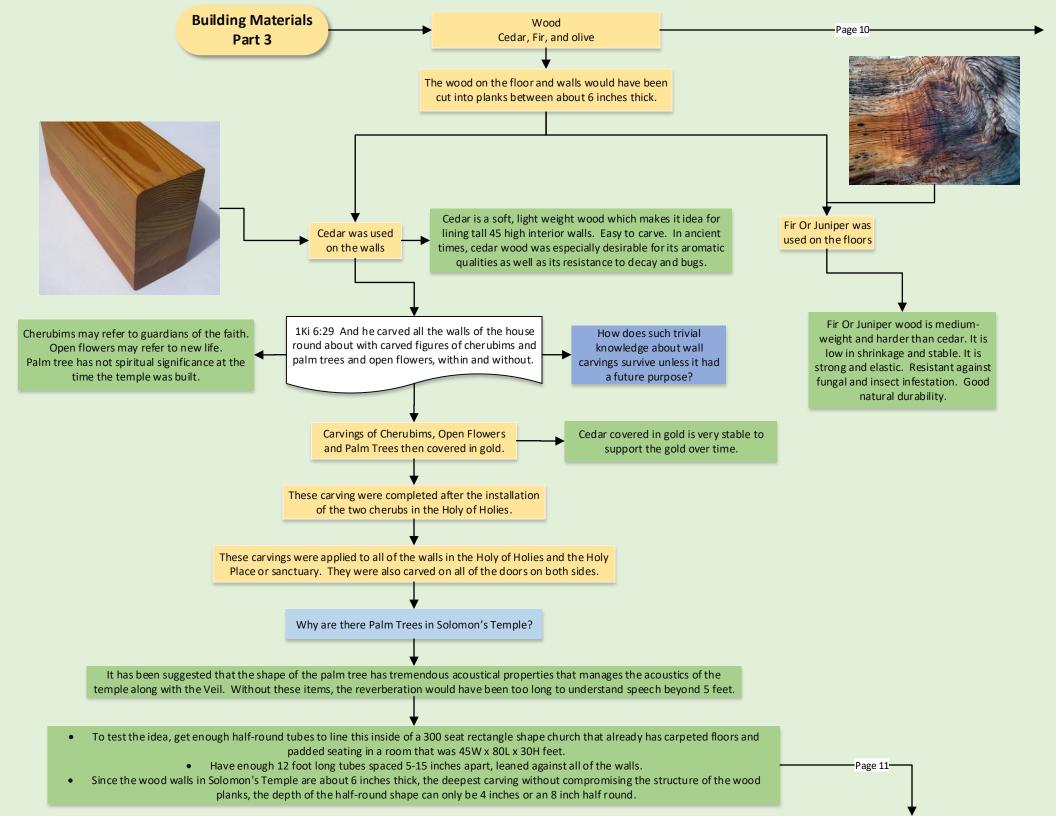


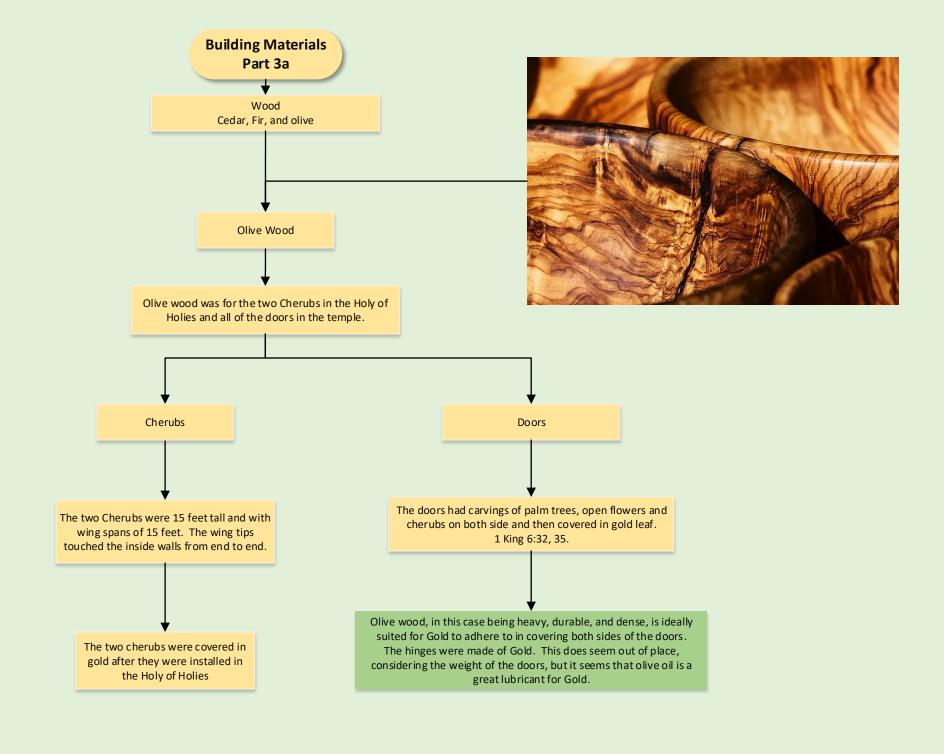


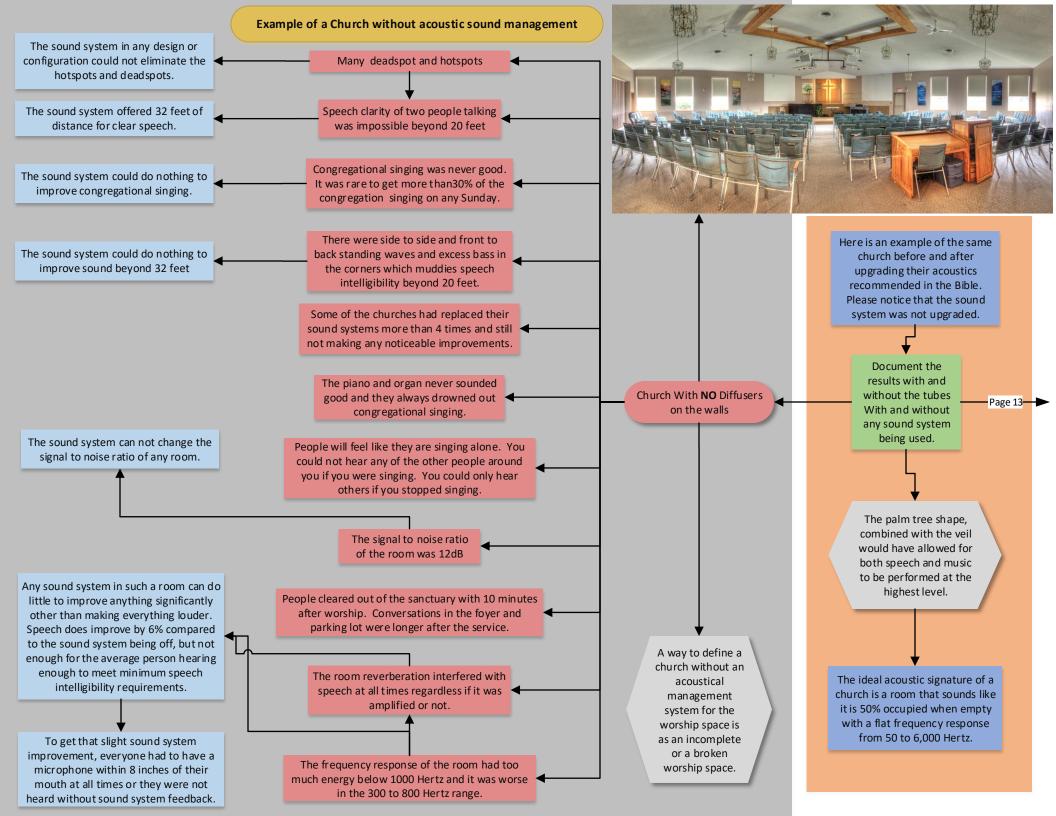


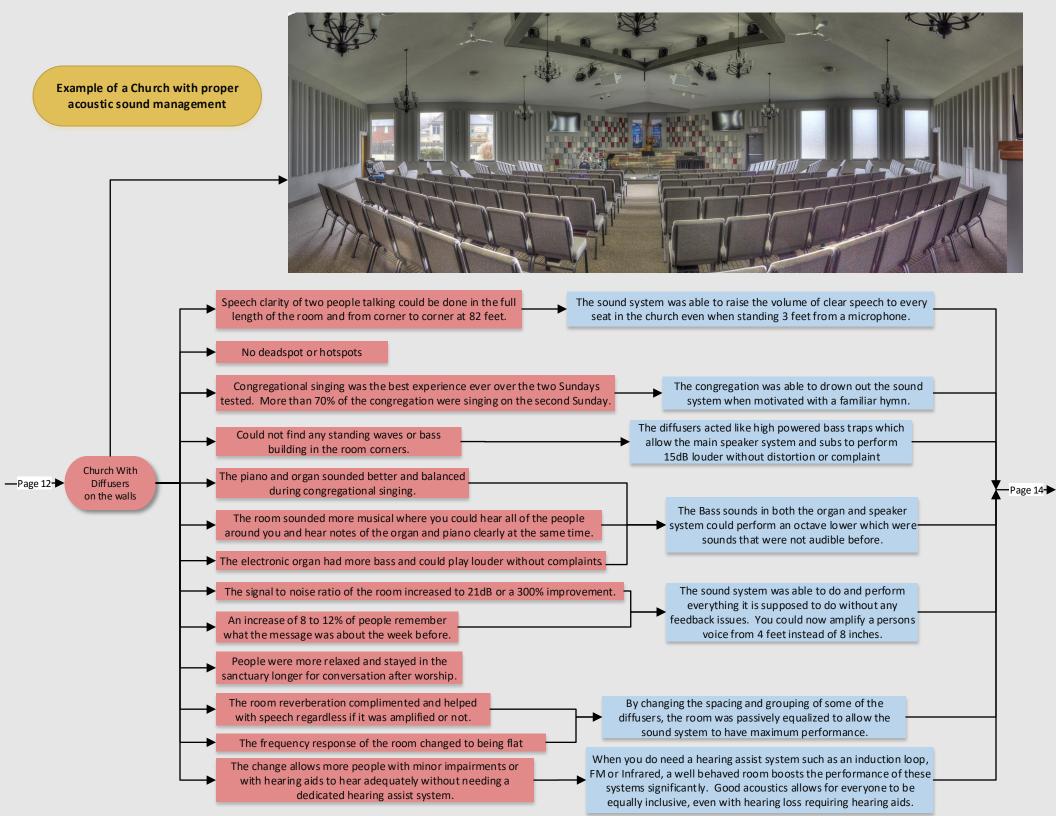






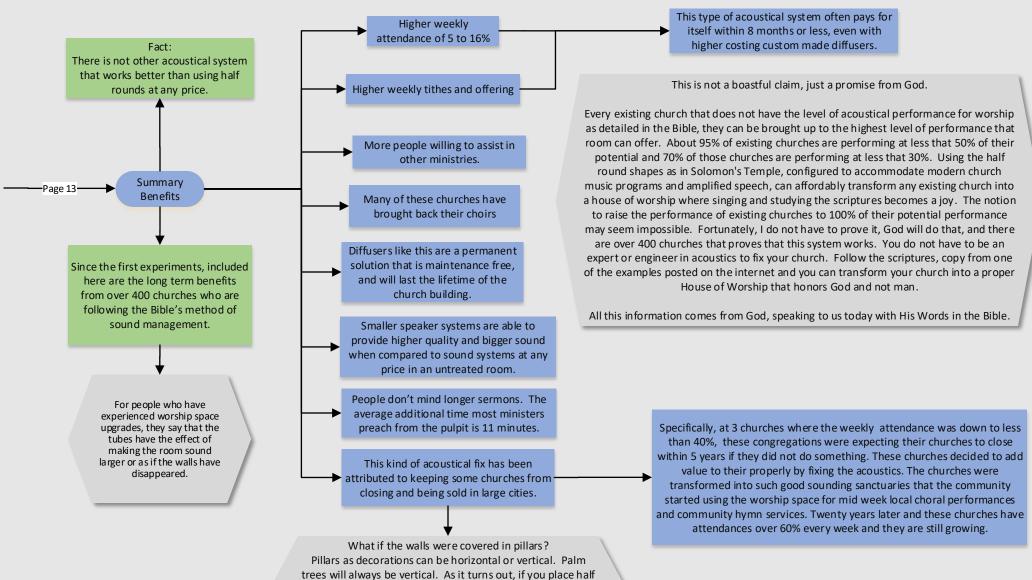






Example of a Church with proper acoustic sound management Part 2





round tubes on the walls horizontally, they loose about 90% of their performance ability. The carvings of palm trees was not just about diffusion, but how to use it as well.

Summary of Solomon's Temple Benefits

- The overall design was to create the ultimate learning and worship conditions with the least amount of distractions for people to spend time with God as a community in the past, present, and future.
- These dimension ratio's with wall carvings create the best space for teaching, learning, hearing, and preaching of the gospel.
- These same details make the sanctuary compatible with hearing aids, people with early stages of hearing loss and lip-reading.
- These dimensions with wall carvings also create the ideal space for congregational or communal singing.
- These dimensions with wall carvings are ideal for professional quality performances for music and speech.
- These dimensions include additional space needed to support the sanctuary in storage, offices, and other rooms.
- These dimensions of the building included economical heating and cooling, soundproofing, and safety.
- Gold detailed the need for lighting, sanitation, keeping things clean for everyone's health and low maintenance.
- The method of construction was about creating a higher quality building, added structural stability, and ease of construction.
- Safety measures were used to prevent deaths by keeping onsite noise down.
- The use of olive oil lamps was a statement of being environmentally responsible.
- The sanctuary had no steps, making the area wheelchair accessible.

These above things are lacking in todays modern and existing churches.

These are the things that are included in most modern buildings.

Researched by Joseph De Buglio 1995-2021

Comments:

All of the information presented here is based on the Bible, facts, evidence, and research. What you or I believe is irrelevant. Many times, in my Christian walk, I have been taught to obey the word of God and do what God asks of us. God holds King David's hand in the temple's design and tells Solomon to put palm trees on all of the walls. I tried it, and the results keep amazing everyone else tries it. When applying the palm tree shapes to existing churches with similar dimensions as Solomon's Temple, the transformations are always superb. Every other room shape is improved substantially as well. After 25 years of study, it is apparent that Solomon's Temple is relevant to the church community today.

Everything about Solomon's Temple points to a building that places the highest importance to the reading of Scriptures, the explanation of the scriptures in sermons and teaching, the focus on hearing God's Word and message, and the praise to God through congregational singing to celebrate God's teaching. In all of these areas, Solomon's Temple allows these three parts of worship to be done in the most optimized way every week. No other building can perform better than a worship space that copies Solomon's Temple.

God knew that in the future, applying modern techniques to the house, God designed, it would make church building more accessible by being affordable to more congregations. Instead, building churches with random shapes and excluding the acoustical features included in the Bible has been a failure at every level. Over time, these failed buildings have caused us to compromise worship so much that the "Biblical worship" described in the Bible is ignored because too many people, they believe that it is not possible in any room shape and design. That is only because the detailed elements in the Bible were left out. The carvings on the walls had a purpose, and leaving such details out cause a failed worship space. God kept those details in the Bible for a reason. When you apply modern science to Solomon's Temple, you get an amazing-sounding space.

It is no wonder that some of the greatest sounding concert halls around the world have many of the same elements as found in the Bible. The secular community gets it, but why doesn't the Christian community get it?

The Recipe

Absorption Ratio

- 30% of the total surface area of the room needs to be absorptive.
- For most churches, the carpet and padded seating are enough.
- For taller spaces, additional absorption high on the side of the walls will be needed to meet that 30% rule.
- In high volume spaces, there is a requirement of 3 to 8% of the available wall space needing absorption.

Reflection Ratio

- The amount of reflective untreated surfaces will be 52-55%
- There are to be no bare wall areas perpendicular to the stage/altar area greater that 49 sq feet where the length to wide area of less than a 3:1 ratio including windows.
- Reflective areas can be combined with diffusive surfaces to maintain a balanced space.

Diffusion Ratio

- The average amount of diffusion from half rounds is 15 to 18% of the total wall space.
- The length of the tubes needs to be 2/3rds of the wall height.
- The ideal tube sizes needed are 8-, 12-, and 16-inch half rounds.
- The tube spacing, groupings, and sizes can be combined to give the room the flat frequency response it is supposed to have, to correct any acoustical irregularities from improper worship space building practices the existing space already has.
- Tube spacing centers should never be more than 23 inches apart.
- All the walls need diffusion, no exceptions.
- All side walls to the seating audience need to have diffusers are ear height when sitting down.
- The half-round tubes don't work if they are mounted horizontally.

The Ideal Reverberation Time

- Reverberation for Church Worship should never be greater than 1.6 seconds between 300 3000 Hertz regardless of the size of the room.
- Reverberation from 50 to 300 Hertz should never be greater than 1.4 seconds.

Frequency Response of Worship Space

- The frequency response of the room should be:
- +/- 3dB from 20 to 100 Hertz and
- +/- 5dB from 100 to 4000 Hertz and
- +/-3dB from 4000 to 8000 Hertz and
- 6dB per octave rolloff from 8000-20000.