

## GEODOMES

A geodome, also known as a geodesic dome, is a structure made of struts that are connected to one another to approximate the shape of a sphere (or part of a sphere). Get ready to make a much smaller replica of the climbing dome you've seen at the playground!

1. Stack three flat sheets of newspaper together. Starting at the corner, roll the sheets up together as tightly as you can to form a tube. When you reach the other corner, tape the tube to keep it from unrolling. Repeat until you have 65 tubes.
2. Cut down the tubes to make 35 "longs" and 30 "shorts." Longs: Cut off both ends of a tube until it is 71cm long. Use this tube as a model to create 34 more longs. Be sure to mark all the longs clearly! Shorts: Cut off both ends of another tube until it is 66cm long. Use this tube as a model to create 29 more shorts.



3. Tape 10 longs together to make the base of a dome.
4. Tape a long and a short to each joint. Arrange them so that there are two longs next to each other, followed by two shorts, and so on...
5. Tape the tops of two adjacent shorts together to make a triangle. Tape the next two longs together, and so on, all the way around. You've done it! Great job - you could be an architect someday!

**INTERESTED IN JOINING GIRL SCOUTS?**  
Please visit [gsewni.org](http://gsewni.org) or [facebook.com/girlscouting](https://facebook.com/girlscouting).

## GEODOMES

A geodome, also known as a geodesic dome, is a structure made of struts that are connected to one another to approximate the shape of a sphere (or part of a sphere). Get ready to make a much smaller replica of the climbing dome you've seen at the playground!

1. Stack three flat sheets of newspaper together. Starting at the corner, roll the sheets up together as tightly as you can to form a tube. When you reach the other corner, tape the tube to keep it from unrolling. Repeat until you have 65 tubes.
2. Cut down the tubes to make 35 "longs" and 30 "shorts." Longs: Cut off both ends of a tube until it is 71cm long. Use this tube as a model to create 34 more longs. Be sure to mark all the longs clearly! Shorts: Cut off both ends of another tube until it is 66cm long. Use this tube as a model to create 29 more shorts.



3. Tape 10 longs together to make the base of a dome.
4. Tape a long and a short to each joint. Arrange them so that there are two longs next to each other, followed by two shorts, and so on...
5. Tape the tops of two adjacent shorts together to make a triangle. Tape the next two longs together, and so on, all the way around. You've done it! Great job - you could be an architect someday!

**INTERESTED IN JOINING GIRL SCOUTS?**  
Please visit [gsewni.org](http://gsewni.org) or [facebook.com/girlscouting](https://facebook.com/girlscouting).

## GEODOMES

A geodome, also known as a geodesic dome, is a structure made of struts that are connected to one another to approximate the shape of a sphere (or part of a sphere). Get ready to make a much smaller replica of the climbing dome you've seen at the playground!

1. Stack three flat sheets of newspaper together. Starting at the corner, roll the sheets up together as tightly as you can to form a tube. When you reach the other corner, tape the tube to keep it from unrolling. Repeat until you have 65 tubes.
2. Cut down the tubes to make 35 "longs" and 30 "shorts." Longs: Cut off both ends of a tube until it is 71cm long. Use this tube as a model to create 34 more longs. Be sure to mark all the longs clearly! Shorts: Cut off both ends of another tube until it is 66cm long. Use this tube as a model to create 29 more shorts.



3. Tape 10 longs together to make the base of a dome.
4. Tape a long and a short to each joint. Arrange them so that there are two longs next to each other, followed by two shorts, and so on...
5. Tape the tops of two adjacent shorts together to make a triangle. Tape the next two longs together, and so on, all the way around. You've done it! Great job - you could be an architect someday!

**INTERESTED IN JOINING GIRL SCOUTS?**  
Please visit [gsewni.org](http://gsewni.org) or [facebook.com/girlscouting](https://facebook.com/girlscouting).

## GEODOMES

A geodome, also known as a geodesic dome, is a structure made of struts that are connected to one another to approximate the shape of a sphere (or part of a sphere). Get ready to make a much smaller replica of the climbing dome you've seen at the playground!

1. Stack three flat sheets of newspaper together. Starting at the corner, roll the sheets up together as tightly as you can to form a tube. When you reach the other corner, tape the tube to keep it from unrolling. Repeat until you have 65 tubes.
2. Cut down the tubes to make 35 "longs" and 30 "shorts." Longs: Cut off both ends of a tube until it is 71cm long. Use this tube as a model to create 34 more longs. Be sure to mark all the longs clearly! Shorts: Cut off both ends of another tube until it is 66cm long. Use this tube as a model to create 29 more shorts.




3. Tape 10 longs together to make the base of a dome.
4. Tape a long and a short to each joint. Arrange them so that there are two longs next to each other, followed by two shorts, and so on...
5. Tape the tops of two adjacent shorts together to make a triangle. Tape the next two longs together, and so on, all the way around. You've done it! Great job - you could be an architect someday!

**INTERESTED IN JOINING GIRL SCOUTS?**  
Please visit [gsewni.org](http://gsewni.org) or [facebook.com/girlscouting](https://facebook.com/girlscouting).


*The learning pyramid shows that people retain about 5% of information by hearing about it, 10% by reading about it, 30% by seeing it, and 75% by doing it themselves. When kids get their hands on exciting activities, it can inspire them to learn.*

**77%** of girls say that, because of Girl Scouts, they are considering a career in STEM (Science, Technology, Engineering, & Mathematics).



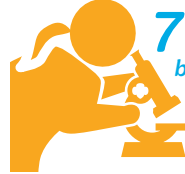
*The learning pyramid shows that people retain about 5% of information by hearing about it, 10% by reading about it, 30% by seeing it, and 75% by doing it themselves. When kids get their hands on exciting activities, it can inspire them to learn.*

**77%** of girls say that, because of Girl Scouts, they are considering a career in STEM (Science, Technology, Engineering, & Mathematics).



*The learning pyramid shows that people retain about 5% of information by hearing about it, 10% by reading about it, 30% by seeing it, and 75% by doing it themselves. When kids get their hands on exciting activities, it can inspire them to learn.*

**77%** of girls say that, because of Girl Scouts, they are considering a career in STEM (Science, Technology, Engineering, & Mathematics).



*The learning pyramid shows that people retain about 5% of information by hearing about it, 10% by reading about it, 30% by seeing it, and 75% by doing it themselves. When kids get their hands on exciting activities, it can inspire them to learn.*

**77%** of girls say that, because of Girl Scouts, they are considering a career in STEM (Science, Technology, Engineering, & Mathematics).

