CREATING WORKBOOK 3

- E Chapters that are essential to this workbook.
- O Chapters that are optional to this workbook.

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P18 Structure P19 Dynamics

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Please note: Any details or photographs of equipment, software, manufacturers or suppliers do not constitute a recommendation or endorsement by DWP, but are intended to provide typical reference examples only.

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WHAT IS IT?

In the old days (in the 1980s!), remixing literally meant to mix again, originally, taking the master tape and re-do the mix process through the desk in a recording studio.

Nowadays, it is seen as a reinterpretation of an idea, a track or a song, using what is deemed to be the "hook" or key elements of the piece.

WHY DO I NEED TO KNOW ABOUT THIS?

Remixing is used for marketing purposes – the aim being to make a track more accessible for a different market or territory.

A Record label will pay for a remix to make it more radiofriendly, or to appeal to new markets, such as younger or older people.

Remixing is a specialist job for people who combine an expert knowledge of music with creativity and technology – if that's you, read on!

YOU	MUST HAND IN YOUR WORK BY	TO
	HOW LONG should this assignment take?	Every person works at his/her own pace. As a guide, spend 2 hours reading and making notes, another 3 hours to write your answers and a further hour to discuss them with your MOLP tutor.
✓	HOW will I be assessed?	Your tutor will assess your work. He / she will give you feedback on how you have done. If your work needs further work to be passed, then you will be given the chance to do further work to bring it "up to scratch". For more details, please refer to your MOLP's own guidance.
2	WHAT do I do now?	Read the TASKS section below. Then read the NOTES AND GUIDANCE section. Carry out the TASKS.

TASKS

Answer these questions						
1 What is the main purpose of a remix? Tick one or more boxes						
	To make a track more To speed it up or slov			To appeal to a different audience To create an extra filler track on a 0	CD single	
2 Do so	ome research into ren	nixes and give exa	amples	s here (Give an example of a track w	vhich does this:)	
A remix	which made a track r	more accessible to	anoth	ner market		
A 1.1		CI.				
An olde	er song with a modern	i flavour				
A remix	which appeals to a v	ariety of dance m	usic st	ryles		
A remix	which uses an under	rground music sty	le to g	ive it 'street cred'		
A remix	that crosses musical	l boundaries				
3 Write	down three different	people or busines	sses th	nat might commission a remixer:		
1)		2)		3)	
4 Can v	/ou be a remixer? – w	vork out vour skill:	s and :	see if you fit the bill.		
-	ain what skills you ha	•		•		mark
MUSIC	KNOW! FRCE	/ fan avanala			-:- \	
	KNOWLEDGE	·		ent knowledge of current dance mu		/10
COMM	JNICATION SKILLS	(for example –	able to	o work easily with different people)		/10
MUSICA	AL CREATIVITY	(for example –	ability	to spot a good tune or 'hook')		/10
TECHNI	CAL SKILLS	(for example – skilled programmer or turntablist) /10			/10	

FORMAT	ADVANTAGES	DISADVANTAGES			
Multitrack tape					
Adat					
Dat					
Audio CD					
Data CD/DVD					
Hard disk drive					
6 Listen to some remixes and analyse them. - Read the Notes and Guidance to find out where to find some remixes. - What has been changed from the original? - Listen to the interesting sections - What works and what doesn't work? - Analyse the following elements and list the things that work best: Rhythm, Drums, Key, Chord changes, Vocals and hooks. Write your answers here:					
	7 Creating a brief. Read the example brief in the Notes and Guidance and then create your own brief, as if you were working for a record label.				
vvilicii artist are you c	ommissioning the remix for? (Think of one of your favou	inte artists /			
Write your brief here.					
8 Create your own remix. Tick (when completed) First, you need some 'source material' to start your remix. Follow the instructions in 'Notes and Guidance' for how to start a remix Now listen back and evaluate it yourself. Now play it to others and get some feedback!					
9 Sample clearance.	Answer the following questions.		Circle correct answer		
1) Is it true that you don't have to clear any samples that are just a few seconds long? Yes / No					
2) Do you need the p	permission of the label or the producer to clear a sample?		Label / Producer		
3) Do you ALSO nee	d the permission of the writer to clear a sample?		Yes / No		

5 As a remixer, you will be provided with song parts or source material on different types of 'formats'.

Use the table below to list some advantages or disadvantages of the various formats.

Now hand in this worksheet to your tutor.

Remember to take a copy of the song to your tutorial so that you can discuss your answers with your tutor. Go to the 'more tasks' section for extra projects.

WHAT IS THE PURPOSE OF A REMIX? The aim of a remix is usually to make a track more

The aim of a remix is usually to make a track more accessible or suitable for a different market or territory. This is not necessarily always a dance mix, although this is often the case. A song can be given a "radio mix", or even have a version that is designed to appeal to tastes in a different country (for example, a Latin mix).

Some mixes can be full of creativity and are thought to be better than the original. However, remixes are actually a marketing tool, designed to reach a wider audience or new market.

In recent years, we have seen big name acts demanding the services of the hottest remixer, almost as a 'status symbol' or to help maintain their profile. Acts that are trying to break into a particular scene will use a prominent remixer in that genre to give them a "leg up" into that fan base.

PAUL OAKENFOLD

Slane Castle, Dublin Supporting Madonna Sunday, 29th August 2004 Photography © Marc Marot



WHO WILL COMMISSION A REMIX?

It is normally a record label that will ask for a remix to be made, as it is the job of the label to market their product.

WORKBOOK 1 − THE MUSIC INDUSTRY AND YOU − CHAPTER 2

It is not uncommon for an artist to dislike a remix and have it forced upon them by the label, who sees the possible sales benefits!

Where the label is less involved, it may be the manager or the act itself who will pick out a more suitable remixer.

Many remixes are commissioned through personal contacts of labels, managers, musicians, programmers and DJs – they are not normally advertised!

Sometimes, there could be a trade of mixes between artists, or a remix will be done as a favour that will be repaid with a share in the profits.

WHAT IS A COMMISSION?

A commission is a request for a specific job, to a specific brief, timescale and budget.

There is usually a fixed fee for the work, although sometimes a remixer can share in the profits too.

WHAT KIND OF PERSON BECOMES A REMIXER?

Sometimes, it is a band who achieves prominence within a musical genre that become highly prized remixers.

Well known DJs are a popular choice to deliver the kind of mix they will play in their set. Many top DJ remixers started out by enlisting a programmer or musician. In the same way, a proficient musician may need to team up with a DJ to tailor their talents to suit the dance floor!

The key strength to have is knowledge of current trends and the target audience. This could be a radio show, cult fan base or a club crowd.

Unless you have a manager to get you work and speak to clients on your behalf, you will need to be a good communicator. Being excited about the project will help convince someone you are right for the job. You will need to motivate yourself to work hard on your own, managing your time to meet deadlines.

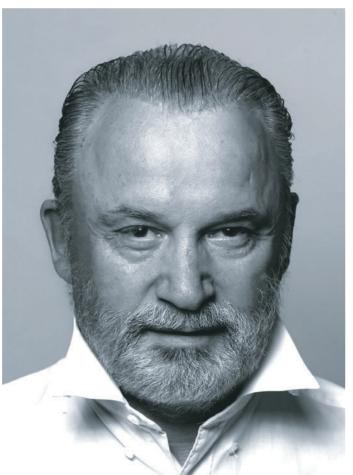
You may think that a degree of formal musical knowledge and ability to play an instrument are essential, but this is not the case!

HISTORICAL CONTEXT

It is useful to understand how remixing began, how it has developed over the years and what the current situation is.

During the **70's**, disco became popular and long after this came "the remix".

Producers such as **Arthur Baker**, **Shep Pettibone** and **Georgio Moroder** used the "reel to reel" master tape to create a new mix incorporating more stripped down, sparse sections, often laden with effects. Unusual arrangements and extended sections became popular with the rise of the 12" single.



The **mid-to-late 1980's** saw Acid House arrive in Britain from its Chicago roots.

A new age of technology in musical equipment helped to create this scene, and dance music became so huge it began to fragment into many different genres.

As well as "Acid" or "House", we were given "Techno", "Hardcore", "Drum and Bass", "Jungle", "Trance", "Chill-Out" and many more.

The record companies quickly latched on to the popularity of club music, with a good club chart position helping to gain all important first week sales. Top remixers could demand up to £15,000 per mix and royalties too! Although some of the big name remixers are recognised with songwriting and performance credits, most are not. An exception here is **Paul Oakenfold** who is now credited as the artist when he remixes.

Nowadays, remixing is returning to its underground roots. Single sales are falling and with the increasing popularity of downloads, sales cannot easily be boosted by a range of mixes. After all, it is hard to be an extra track on a download!



picture left:

GEORGIO MORODER photography © Volker Corell picture right :

PAUL OAKENFOLD photography © Marc Marot



MARK COMPTON

from FAF Productions was a guitarist in an act that was one of the first to mix rock and dance styles. This attracted remix work from other similar artists, also rock bands wanting a mix to play in clubs. This in turn led to work in a variety of other styles and eventually production work for major artists.

photography Ray Chan



WHAT EQUIPMENT WILL I NEED TO MAKE A REMIX?

All you will need, to begin with, is a computer with music software and a sound card, an amplifier and some speakers. This will be enough to explore the basics, whilst offering the opportunity of getting some good sounding results without the expense of a professional studio.

WORKBOOK 5 − RECORDING AND PRODUCTION

WHERE CAN I GET REMIX WORK OR SOURCE MATERIAL?

Before you can be a remixer, you need something to remix! This is your 'Source Material'.

You need what are called "Remix Parts". These are a recording of each instrument or element that made up the original track, saved as an audio file. Normally any EQ or effects from the original mix are left off, so as to keep the raw ingredient.

These files can come in a few different formats, for example:

wav

common on PC systems

aiff

common

systems

to Apple Mac

Cubase Logic Audio, Motu or Pro Tools data files

Non-diaital

files can be recorded onto tape or minidisk

The data files can be stored on a recordable CD. DVD or hard drive.

They can also be e-mailed or downloaded from a web site, but if you use the Internet, a broadband connection is essential!

Parts can also be recorded individually straight on to Mini-Disk, DAT or ADAT, though this is now less likely, as they need putting onto a computer and then moving one by one to be in time again.





If software such as Cubase, Logic or Pro-Tools has been used during recording, then the song file, along with mix information, MIDI and all audio files can be stored together and passed on very easily. However, compatibility between various formats has been the cause of many studio headaches!







Cubase SL

Cubase SX

Logic - Pro 6



Take care when saving song files and the audio files that relate to it. Be organised, where possible keep them all in the same folder. This avoids losing important files and makes backing up a complete song straight forward.

Ask other MOLP musicians if you can share tracks to remix. Local acts or labels may be prepared to give you source material, especially if you are a DJ and can offer to play a track for them in return. You will need to put together a showreel of your work to help convince.

Failing this, there are plenty of web sites with samples to download, even acappellas (solo vocals) to experiment with.

There may be something lurking in your own record and CD collection that cries out for you to get stuck into!

note: Any details or photographs of equipment, software, manufacturers or suppliers do not constitute a recommendation or endorsement by DWP, but are intended to provide typical reference examples only.

WORKING TO A BRIEF

When you do manage to secure some remix work, you will be given a brief to let you know what the purpose of the remix is. This will include a description of what your mix should sound like, what it is designed to achieve and who are its target audience. This would usually take place as a conversation as opposed to being written.

SAMPLE BRIEF 1

Yo Dude, we have a country artist doin' big things Stateside and need a mix for European radio. Do you wanna have a shot at it, I'll send a hard drive with all the parts. Use what you want but try and lose some of the country twang. No real rush, we're just fishin' for ideas just now.



SAMPLE BRIEF 2

the cut.

... we need a commercial club mix for our newly signed boy band and thought of you. I can get you a CD with the vocal parts, but I must have the finished mix on my desk Monday morning for



SAMPLE BRIEF 3

... these guys are one of the founding fathers of electro-pop, with a loyal fan base, so you'll need to keep the trade mark synth sounds as well as all the vocal. Their producer will send the "Logic" song with all the files, use that as a starting point, concentrate on giving us a more modern rhythm pattern and bass line.



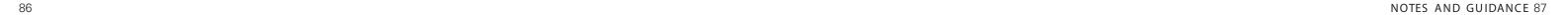


Make your client feel part of the creative process whilst talking through your ideas; it is more likely they will like the result!

You might not be given a brief! Maybe you will have freedom to do whatever you like or the client knows what kind of mix you will deliver due to your reputation!

Record companies have tight release schedules to keep to, so your mix will have a deadline, also given in the brief.

Make sure you understand the brief so you can deliver what is asked of you. To avoid confusion, always try to talk to the same person, and make sure they have authority to speak about the project.







JOE ROBINSON Producer and remixer for Badly Drawn Boy, Volovan, Stazi, I am Kloot and many more

Where does the work come from?

I am approached either by the act or the label. If the project goes well, a good relationship generates more work. I used to have a manager, but now manage myself. It was nice to have someone dealing with the business end of things, but he takes his 20%. I would say if you have a manager who is finding you work then definitely keep them.

How do you approach your work?

Every project has a different starting point depending on various factors i.e. budget; style of music; timing. I like to be flexible & travel a lot, so a good working knowledge of different gear is essential Collaboration is the best part of my job. I am in the fortunate position of being allowed to "join" a band and work as a part of that creative team for a few weeks. One week I'm making slamming techno, the next acoustic singer/songwriter stuff.

Any advice?

Keep at it. I was on the dole & doing rubbish jobs for years (but always making music) before I started making a living from music. Also - specialize, get very good at what you do best rather than trying to do everything and spreading yourself thin. Be aware that you are entering a tough industry that is over-saturated by talented young people.

picture top: JOE ROBINSON right: BADLY DRAWN BOY photography @ Ray Chan

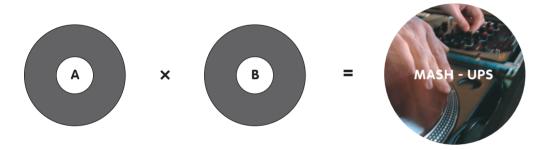


HOW DO I LEARN REMIX SKILLS?

The best way to figure out how to remix is to listen to other examples and compare them to their original form. Then try matching up bits of different songs and playing them together.

MASH - UPS

The current trend called "Mash-Ups" is where two records (often total opposites) are combined together, often giving surprising results. This phenomenon has become so popular that artists are holding competitions to find the best "Mash-Ups" involving their work.



e a

A: **Kraftwerk** Numbers X **B**: **Whitney Houston** Wanna dance with somebody

You should also try programming drum loops or beats underneath the vocal or hook of various tracks.

Soon you will begin to understand what kind of things fit with others, as you become more aware of groove, tempo and the key of songs. You will also become more adept at editing or time stretching samples to be in time and in tune.



Music Technology magazines have interviews with top remixers, where they describe work they have done. They may give some useful tips and insight into their work.

HOW SHOULD I PREPARE? WHAT STYLE OF MIX WILL I DELIVER?

Get together a selection of reference materials (other recordings) relevant to your mix. They can be used as inspiration, as well as a comparison for style and overall sound.

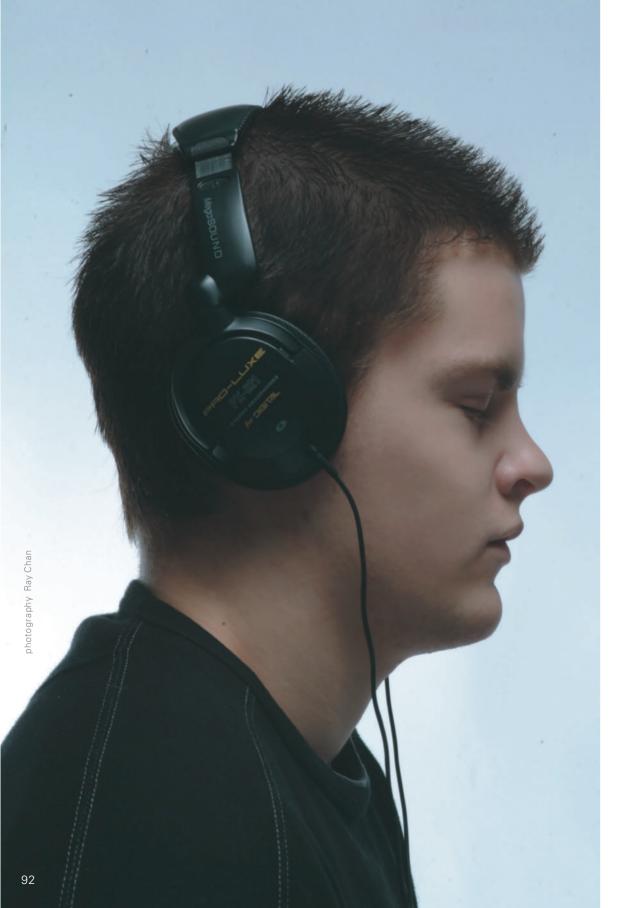
Collect a choice of samples, loops, keyboard presets, patches and effects that you can find quickly, these will act as a sound library.

Why not visit a club that plays music you are interested in? You will learn a lot from listening and then watching how the crowd react. Improve your knowledge by visiting a record shop and listening to cutting edge records.

It is worth noting that it may benefit you to establish a niche market or trend within your work as it develops. Potential clients will identify your sound as reputation grows. If you are a DJ your set could reflect this and you can play your own tunes!



Why not compete in a remix competition or attempt to get your work reviewed on the demos page of a magazine. This will give you the motivation to produce your best efforts.



HOW DO I BEGIN MY MIX?

Start with an analysis of the original piece.

What are the key elements or hooks? This is not always just the vocal. A bass line can be an integral part of a track, especially on a dance record.

Identify the hooks and the features you want to keep, check you have been sent these in the remix parts! Make decisions on what is better left out or recreated by you.

Start by listening to the key elements you have picked out and imagine what would work well with them. Refer to your reference material and sound library and then try a few things out.

Question the tempo and groove of the original. Could it be faster, slower or have a change of emphasis? Can you be creative with time stretching or editing skills, maybe cutting up a loop will get better results than just playing it in full? Experiment with different loops or try programming a few beats.



Don't be frightened of using a lot of the original material if it works with your idea. The act will be pleased you haven't thrown all of their hard work in the trash and it will save you lots of effort replacing or trying to better it!

BEGIN TO BUILD ON THE BASICS BUILD AN ARRANGEMENT

The rhythm pattern and bass line are usually the foundations that you will build the rest of the mix round. Get these wrong and everything can come crashing down very quickly!

Once you are satisfied with your basic groove, start to add features that are complementary. It is conventional practice to use instrumentation that supports the vocal, so you need to be aware of chord changes and key.

As the mix takes shape you need to think about structure and arrangement. Should you follow the dynamics used in the original or be more flexible? A club mix might benefit from a DJ-friendly intro and outro, where the track can easily be mixed with others.

Whatever your decision, moments of impact, crescendo and breakdowns should all be addressed. Again, check out your reference material for good ideas.

It is important to remember that there is not always a right or wrong answer in music, there is only taste and opinion. So be brave, an extreme idea is possibly just the thing that will make your work stand out, so experiment. Go with the flow, use your instincts, push boundaries, be confident with whatever works well for you.

CHECK YOUR PROGRESS

During your work take time out to reflect on what you have done. Ask yourself if you are true to your original idea and in line with what the brief said. It may be useful to get some early feedback from the label, just to double check you are on the right lines. Sending an MP3 of work in progress can be an easy way of doing this.



Remember, sometimes "Less is more". So don't over cook things and keep piling on more bits. This is very tempting when working with computers.

When you get a finished mix be sure to check it out on different speakers. If it is designed to be played in a club, then try listening to it in a club. Can you get your work played to a crowd and gauge reaction? Play your work to others and make any necessary alterations.

DELIVERY FORMATS

If it's not mentioned in the brief, you should check the format for delivery of the final mix (T.V. pass, acappella, instrumental, vox up). A vox up is a mix identical to the original but with the vocal up in volume slightly. This is due to the fact that over time you will have become accustomed to the vocal, giving a tendency to have it too quiet. So a "vox up" is a safety against this. Also, run off the other versions mentioned; if eventually your mix is to be performed as a club personal appearance or on T.V., you need a mix containing everything except the main vocal. Having this now saves recreating the whole mix later.



Apply some software mastering (maximising/compression/EQ) to your finished mix to make sure the overall level recorded onto a CD will not be much quieter than other CDs.



photography Oliver Kersh



KEIR

from Inch Studio started out as an accomplished musician, who had deals with a couple of independent Labels. Gradually he became more interested in the recording and music technology side of the business and went to college to learn more. He secured a work placement in a large Manchester studio and began approaching people to get work as a remixer. After completing some mixes "on spec" he made enough money to fund his own studio, going on to remix and produce many artists in his own distinctive style.

LEGAL AND MONEY ISSUES

Initially, it is likely that work will be undertaken on a speculative "On Spec" basis. This means that you will take on the work for free and if it is well received, you will then get paid.

Payment can be a fee, sometimes split into fee and costs. It can also be a royalty, referred to as "points". An agreement to pay 3 points on dealer price means you get three percent of the money the label gets from the distributor. (Not the value at retail.)

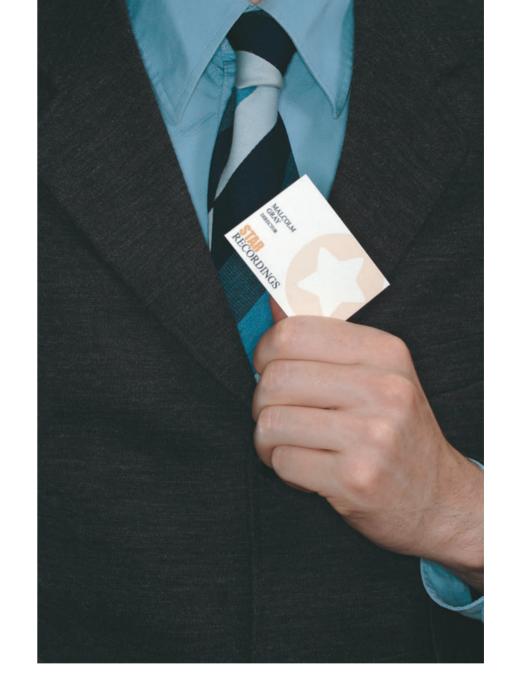
Your initial fee can be recoupable; you won't get royalties until the amount paid as a fee has been recovered.

This gets very confusing where more than one mix is included and subsequent different formats. Your royalty share will depend on how many other tracks are contained. Other things to beware of are deductions for packaging, TV Ad campaigns and releases in other territories.

Bootlegs are common on the club scene, with many white labels being distributed containing samples. These are illegal, but this is usually only a problem if they start being successful and selling in number. Then the samples must be cleared or replaced, sometimes recreated. A record label may see an opportunity and agree for a release, where they clear the sample and get a hit record. They will only do this for a potential hit.

- WORKBOOK 7 COPYRIGHT, LEGAL AND MANAGEMENT
- WORKBOOK 8 − BUSINESS AND MONEY − CHAPTER3

Clearing a sample before release can be very time consuming and you will certainly have to give away a songwriting share. Permission must be granted by both the writer and the owner of the original sound recording that the sample comes from. To protect labels from possible law suits, remix contracts ask you to give a declaration on sample usage.



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WANT TO KNOW MORE?

LINKS

New Deal for Musicians has no responsibility for or control of the following sites. The inclusion of any site does not necessarily imply New Deal for Musicians approval of the site. To access any of the sites please type in the address into a browser or search using keywords from the name of the link. www.dfes.gov.uk/ukonlinecentres Find Internet access that's close to you.

MORE INFORMATION AND LINKS	SITES FOR FREE SAMPLE DOWNLOADS
www.remixmag.com news, reviews, features and links to other sites. Includes features on equipment aimed at dis and	www.cobwebaudio.co.uk (acappellas available)
remixers.	www.djsamples.com
www.djmag.com features on club culture and new releases.	www.peaceloveproductions.com
Links to related shops, radio and contacts.	www.audio360.com
www.futuremusic.co.uk specialises in modern music technology,	www.musicshareware.com
reviews, tips and techniques. Occasionally will contain competitions. Links to equipment	www.samplenet.co.uk
manufacturers. Second hand gear listed.	www.samplecraze.com
www.soundonsound.com more general studio equipment and techniques.	www.acapella-heaven.tk
Reader's ads for second hand gear. The "Search" for articles from past issues is very useful.	www.slsknet.org File share site for samples.
www.computermusic.co.uk good info on the basic computer based set up for music. Tutorials on music software. Reviews of readers demos.	www.panasonic-europe.com/technics/ Has a section about the history and importance of turntables and DJing., with a year by year break down.
	www.discogs.com Discographies for any artist or remixer.
FOR MORE GENERAL INFO AND REGULAR COMPETITIONS	www.samplearena.com Free samples and links to other sample sites.
www.bbc.co.uk/radio/onemusic	www.soundhunter.com
www.xfm.co.uk	wav files of sound FX.

SPECIALIST SITES FEATURING COMPETITIONS
www.remixfight.com
www.raveindex.com
www.breakbeat.co.uk (drum and bass)
MAGAZINES
Remix Interviews with DJs and remixers, features on high tech equipment.
DJ Mag Aimed more at DJs than remixers, but gives up to the minute news about the dance music trends.
Future Music All the latest hi tech equipment is reviewed, plus studio and remixing tips.
Sound On Sound More general studio technology features. Good tips and techniques from professionals.
Computer Music. Magazine specifically for making music with computers.

BOOKS Last Night A DJ Saved My Life - Frank Broughton and Bill Brewster Publisher: Headline ISBN: 0747262306 The history of the DJ. Covers most dance music genres. Burning Down The House Eliot Van Buskirk Publisher: Osborne / McGraw Hill ISBN: 0072228792 Techniques and tips from DJs and studio engineers. The New Beats S.H. Fernando Junior.

Highly recommended for those interested in the Hip Hop and Old School Rap scenes.

Publisher: Anchor Books ISBN: 038547119X

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MORE TASKS

- 1 Choose a track from the current top 10 and describe a valid remix alternative. Write down which elements of the track you would keep and which you would discard. Then outline new parts you would add and how you would tailor the mix to suit a new market.
- Find out about some top name remixers and place them within a table to show their specialist genre or market. List the attributes or traits in their mixes and the differences which set them apart. How many are famous DJs and do they work with an engineer or musician? Can you find any remixes that specialise in markets outside of the "dance arena"?
- Approach a local act or label for some remix materials, preferably a vocal. Offer to complete a remix for them on a no fee basis. Alternatively find an acappella on the net. Find or programme some drum loops, which will fit with this vocal, using time stretching or editing of the elements where necessary.
- 4 Find six tracks to use as reference materials for your mix. List the labels that released these tracks. Is there a label that specialises in your scene? Can you approach them to do a mix?
- Find an example of tracks that became hits, but were originally released as a "bootleg" (illegal white label) due to problems with sample clearance issues.
- Try to reproduce your favourite element of a track. Find similar sounds to those used and move on to programme a copy of the original. You can learn new techniques by attempting this with a few different tracks.
- Imagine someone is going to remix one of your songs. Record each part of your track as an audio file, remembering to put down any instruments played from your midi sound sources. Organise these files for delivery to the remixer.
- Visit a club to hear how devices such as drum fills, drop downs and effects are used and how they work with an audience. List examples, mentioning tracks where they were used. Incorporate these devices into your mix.

Acappella

- 9 Write an itinerary for completing a mix, listing the stages you will work through. Can you estimate a time scale for this process? Draw up a simple table to show time allocated for each stage in the process.
- 10 It is common to deliver the following versions of a finished mix. Define each of these terms and explain why it is useful.

Vox up TV pass Instrumental

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